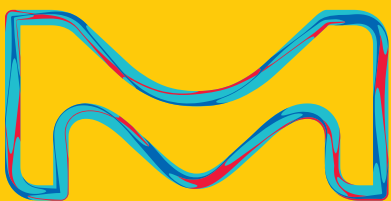


MERCK

Analytical Applications & Standards

Catalog Number 3

Legacy Sigma-Aldrich Products



The life science business of Merck
operates as MilliporeSigma in the
U.S. and Canada.

3: Analytical Applications & Standards

Table of Contents

Table of Contents

Analytical Microbiology	1	Pharmaceuticals	144
Base Ingredients	1	Physical Properties	242
Discs & Strips	2	Phytochemicals	252
Kits & Tests	3	Reactor Neutron Dosimetry	253
Microbial Media	3	Spectroscopy Standards	253
		Titrimetric Substances	254
Gas Chromatography (GC)	9	Spectroscopy Consumables	256
Accessories	9	Fluorescence/Luminescence	256
Adsorbents	12	IR	256
Capillary	14	Mass Spectroscopy	259
Gas Purification & Management	20	Peripheral	259
Liners	26	UV/VIS Fluorescence	263
Packed	29		
Septa	34	Standards for Routine Analytical Applications	268
High-performance Liquid Chromatography (HPLC)	36	AAS/ICP	268
Accessories & Packing	36	Chromatography & CE Test Mixes	270
Instrument Components	41	Color Reference Solutions	271
Supelco	44	Conductivity Standards	271
		Environmental Standards	272
Sample Preparation	72	Forensic & Veterinary Standards	306
Air Monitoring/Sampling	72	Gravimetry Standards	316
Extraction Devices	77	Ion Chromatography Standards	317
Purge & Trap	78	Life Science/Food & Beverage	317
Solid Phase Extraction (SPE)	79	Melting Point Standards	332
Solid Phase Micro Extraction (SPME)	87	Miscellaneous	332
		MS Markers	332
Selected Certified Reference Materials	90	NMR Standards	332
Alcohol Standards	90	Other Certified Standards	334
Chemical Warfare Standards	90	Particle Size Standards	334
Clinical Chemistry	90	Petrochemical Standards	335
Drugs, Metabolites & Impurities	91	Pharmaceutical & Clinical Standards	338
Environmental Standards	110	Polymer Standards	340
Explosives	124	Redox Standards	341
Food & Agriculture	125	TOC Standards	341
GMO Materials	126	X-Ray Standards	341
Industrial Raw Materials	129		
IRMM Standards	130	Standards for Special Applications	342
Occupational Hygiene	141	Proficiency Test Materials	342
Organic CRMs	142	Sigma Pseudo Scents	346
Other Certified Standards	143		
Petrochemical Standards	144	Third-party Chromatography	347

Analytical Microbiology

Base Ingredients

* Name	Catalog Number
Agar, for membrane filtration, low gel strength	42146-500G
Agar, anti-swarming	50524-500G
Agar, high purity, low ionic content, low gel strength	56763-500G
Agar, for Baird Parker Agar	91411-500G
Amicase®, Casein acid hydrolysate, from bovine milk	A2427-250G A2427-1KG A2427-5KG
D-(+)-Arabinose, for microbiology, ≥99.0%	10850-25G 10850-100G
Astragaloside IV, >98.0%	74777-1MG
Beef extract powder, for microbiology	B4888-50G B4888-100G B4888-500G
Bile bovine, dried, unfractionated	B3883-25G B3883-100G B3883-500G
Bile salts, for microbiology	B8756-10G B8756-50G B8756-100G B8756-500G
Bile salts, for microbiology	B3301-500G
Bile salts, for microbiology	48305-50G-F 48305-250G-F
Bile salts mixture, for microbiology	B3426-100G B3426-500G
Brain extract from porcine brain, for microbiology	72985-500G
Brain Heart Infusion, Porcine, for microbiology	75917-500G
Broadbean Peptone, for microbiology	93491-100G-F 93491-500G-F
Casein acid hydrolysate vitamin free, for microbiology	C7970-500G
Casein Hydrolysate, for microbiology	22090-100G 22090-500G
Casein Yeast Peptone, for microbiology	39396-500G-F
D-(+)-Cellulose, for microbiology, ≥99.0%	22150-10G 22150-50G 22150-250G
D-(+)-Cellulose octaacetate, for microbiology, ≥96.0%	22160-25G
Dextrin from potato starch, for microbiology	31400-250G 31400-1KG
D-(-)-Fructose, for microbiology, ≥99.0%	47740-250G-F 47740-1KG-F
D-(+)-Galactose, for microbiology, ≥99.0%	48260-100G-F 48260-500G-F
Gelatin from porcine skin, for microbiology, low gel strength	48720-100G-F 48720-500G-F
Gelatin from porcine skin, medium gel strength, for microbiology	48722-100G-F 48722-500G-F
Gelatin from porcine skin, high gel strength, for microbiology, for microbiology	48724-100G-F 48724-500G-F
Gelatin from porcine skin, for microbiology, ultrahigh gel strength	39465-500G
D-(+)-Glucose monohydrate, for microbiology, ≥99.0%	49159-1KG 49159-5KG
Gluten Hydrolysate from maize, for microbiology	49760-250G 49760-1KG 49760-5KG
Heart extract from bovine heart, for microbiology	92498-500G
Hy-Case® Amino, Casein acid hydrolysate, from bovine milk	C0501-100G C0501-500G C0501-1KG
Hy-Case® SF, Casein acid hydrolysate, from bovine milk	C9386-500G C9386-1KG C9386-5KG
Infusion powder from porcine heart, for microbiology	55699-500G

* Name	Catalog Number
myo-Inositol, for microbiology, ≥99.0%	57570-25G 57570-100G 57570-500G
Lactalbumin hydrolysate, for microbiology, Nutrient for fermentations and other applications	61300-500G 61300-5KG
MacConkey Agar with Crystal violet, Sodium chloride and 0.15% Bile salts, for microbiology, ready to use media in the bottle	94216-10X100ML
Magnesium citrate tribasic nonahydrate, for microbiology, ≥95.0% (KT)	63067-100G-F 63067-1KG-F
Malt extract, for microbiology	70167-500G
D-Mannitol, ACS reagent, for microbiology, ≥99.0%	63560-250G-F 63560-1KG-F 63560-5KG-F
D-(+)-Mannose, for microbiology, ≥99%	63580-25G 63580-100G
D-(+)-Mannose, for microbiology, ≥99.0% (sum of enantiomers, HPLC)	63582-25G 63582-100G
Meat extract, for microbiology	70164-100G 70164-500G
D-(+)-Melezitose monohydrate, for microbiology, ≥99.0%	63620-10G-F 63620-50G-F
D-(+)-Melibiose, for microbiology, ≥99.0%	63630-10G 63630-50G
Methyl α-D-glucopyranoside, for microbiology, ≥99.0%	66940-100G
Methyl α-D-mannopyranoside, for microbiology, ≥99.0%	67770-25G 67770-100G 67770-500G
N-Z-Amine® A, from bovine milk, Casein enzymatic hydrolysate	C0626-250G C0626-500G C0626-1KG C0626-5KG
N-Z-Case®, for microbiology	C1026-500G C1026-1KG
N-Z-Amine® AS, Casein enzymatic hydrolysate, from bovine milk	N4517-1KG N4517-5KG
N-Z-Case® Plus, Casein enzymatic hydrolysate, from bovine milk	N4642-250G N4642-1KG N4642-5KG
Ox-bile, dehydrated, purified, for microbiology	70168-100G 70168-500G
Peptidase®, for microbiology	P1192-250G P1192-5KG
Peptone from <i>Glycine max</i> (soybean), Type IV, powder	P0521-100G P0521-500G P0521-1KG P0521-500G
Peptone from milk solids, Refined hydrolysate, for microbiology	P6838-250G P6838-500G P6838-1KG
Peptone from porcine heart, for microbiology	93926-500G
Peptone from potatoes, for microbiology	83059-500G-F
Peptone from vegetable, for microbiology	18332-500G-F
Peptone from animal tissue, from meat, Type I, for microbiology	P7750-100G P7750-500G P7750-1KG
Peptone from casein, acid digest, for microbiology	70171-100G 70171-500G
Peptone from casein and other animal proteins, for microbiology	70173-100G 70173-500G
Peptone from casein, enzymatic digest, for biotechnological purposes	82303-1KG-F 82303-5KG-F
Peptone from casein, pancreatic digest, for microbiology	70169-100G 70169-500G
Peptone from casein, tryptic digest, for microbiology	70172-100G 70172-500G
Peptone from gelatin, enzymatic digest, for biotechnological purposes	70951-1KG-F 70951-5KG-F
Peptone from gelatin, pancreatic digest, for microbiology	70176-100G 70176-500G
Peptone from meat and soybean meal, for microbiology	93733-500G

3: Analytical Applications & Standards

Analytical Microbiology

Base Ingredients

* Name	Catalog Number
Peptone from meat, bacteriological, for microbiology	91249-500G
Peptone from meat, enzymatic digest, for biotechnological purposes	82962-50G-F 82962-1KG-F 82962-5KG-F
Peptone from meat, peptic digest, for microbiology	70174-100G 70174-500G
Peptone from pea, for microbiology	96174-500G
Peptone from potatoes No. 2, for microbiology	38143-500G
Peptone from soybean, enzymatic digest, for microbiology	70178-100G 70178-500G
Peptone from soybean, enzymatic digest, for biotechnological purposes	87972-1KG-F 87972-5KG-F
Peptone from soybean, enzymatic digest, for biotechnological purposes	90765-1KG 90765-5KG 90765-25KG
Peptone Hy-Soy® T, for microbiology	P6463-250G P6463-1KG
Peptone, mycological, for microbiology	77199-500G
Peptone Primatone® RL, for microbiology	P4963-100G
Peptone special, for microbiology	68971-500G-F 68971-5KG-F
Peptone special (vegetable), for microbiology	92976-500G-F
Peptone (vegetable) acid hydrolysate, for microbiology	51841-500G-F
Peptone (vegetable), No. 1, for microbiology	19942-500G-F
Peptone (vegetable), No. 2, for microbiology	61854-500G-F
Peptone N-Z-Soy® BL4, for microbiology	41428-1KG
L-α-Phosphatidylcholine, for microbiology	44924-500G
Potassium L-lactate solution, ~60%, for microbiology	60389-250ML-F 60389-1L-F
Potato Infusion Powder, for microbiology	52424-500G 52424-2.5KG
Protein Hydrolysate Amicase®, for microbiology	82514-250G 82514-1KG
Protein Hydrolysate N-Z-Amine® AS, for microbiology	82524-250G 82524-1KG
Proteose-Peptone, for microbiology	82450-100G 82450-500G
Proteose Peptone, Enzymatic hydrolysate	P0431-250G P0431-1KG
Proteose Peptone (vegetable), for microbiology	29185-500G-F
D-(+)-Raffinose pentahydrate, for microbiology, ≥99.0%	83400-25G 83400-100G
L-Rhamnose monohydrate, for microbiology, ≥99.0%	83650-10G 83650-50G 83650-250G
Select Yeast Extract, powder	Y0375-100G Y0375-500G Y0375-1KG
Soy protein acid hydrolysate, powder	S1674-100G S1674-500G S1674-1KG
Sucrose, for microbiology, ACS reagent, ≥99.0%	84100-250G 84100-1KG 84100-5KG
D-(+)-Trehalose dihydrate, for microbiology, ≥99.0%	90210-50G 90210-250G
Tryptone, Microbiologically tested.	T7293-250G T7293-1KG
Tryptone, Pancreatic digest of casein	T9410-250G T9410-1KG
Tryptone enzymatic digest from casein, for biotechnological purposes	95039-50G-F 95039-1KG-F 95039-5KG-F
Tryptone Plus, for biotechnological purposes	61044-1KG 61044-5KG
Tryptone (vegetable), for microbiology	16922-500G-F
Tryptose, for microbiology	T2813-500G
Tryptose, for microbiology	70937-500G-F 70937-2.5KG-F

* Name	Catalog Number
Tryptose (vegetable), for microbiology	12331-500G-F
Vegetable Extract No. 2, for microbiology	49869-500G-F
Vegetable Infusion Powder, for microbiology	67381-500G-F
Vegetable Special Infusion Powder, for microbiology	95757-500G-F
Wheat Peptone, for microbiology	93492-500G-F
Yeast Autolysate, for microbiology	73145-500G-F
Yeast Extract, for microbiology	92144-500G-F 92144-5KG-F 92144-25KG-F
Yeast Extract, for microbiology	70161-50G 70161-100G 70161-500G 70161-2.5KG
Yeast Extract, micro-agglomerated	89526-500G 89526-2.5KG
N-Z-Case® M, for microbiology	69145-500G

Discs & Strips

* Name	Catalog Number
Adonitol Disks, for microbiology	55876-10X25DISCS
Aminopeptidase Test, for microbiology	75554-50EA-F
Anaerobe Indicator Test, for microbiology	59886-1PAK-F
Arabinose Disks, for microbiology	80372-10X25DISCS
Bacillus ID Membrane, for microbiology, pale pink colored, sterile, diameter 70 mm	78039-25DISCS
Bile esculin disks, for microbiology	80507-50DISCS-F
Cellobiose Disks, for microbiology	56481-10X25DISCS
Dextrose Disks, for microbiology	63367-10X25DISCS
Differential Coli-E.coli ID Membrane, for microbiology, white colored, sterile, diameter 70 mm	19933-25DISCS
Differential ID Membrane, for microbiology, pinkish colored, sterile, diameter 70 mm	66964-25DISCS
DNase ID Membrane, for microbiology, blue colored, sterile, diameter 70 mm	73257-25DISCS
Dulcitol Disks, for microbiology	73044-10X25DISCS
E.coli Chromogenic ID Membrane, for microbiology, white colored, sterile, diameter 70 mm	93009-25DISCS
Fructose Disks, for microbiology	53901-10X25DISCS
Galactose Disks, for microbiology	89608-10X25DISCS
Hippurate Disks, for microbiology	40405-25DISCS-F
Inositol disks, for microbiology	89614-10X25DISCS
Inulin Discs, for microbiology	90058-10X25DISCS
Kovac's Reagent Strips, for microbiology	78719-25STRIPS-F
β-Lactamase Strips, for microbiology	56348-100STRIPS-F
β-Lactamase Strips Kit, for microbiology	80489-100EA
Lactose Disks, for microbiology	28816-25DISCS 28816-10X25DISCS
Lactose Fermentation Membrane, for microbiology, white colored, sterile, diameter 70 mm	52284-25DISCS
Maltose Disks, for microbiology	77653-10X25DISCS
Mannitol Disks, for microbiology	94438-10X25DISCS
Mannitol Fermentation Membrane, for microbiology, white colored, sterile, diameter 70 mm	39406-25DISCS
Mannose Disks, for microbiology	94445-10X25DISCS
Melibiose Disks, for microbiology	93196-10X25DISCS
Nitrate Reagent Disks Kit, for microbiology	51138-1KT
Nitrocefin disks, for microbiology	49862-50DISCS-F
ONPG Disks, for microbiology	49940-50DISCS-F
Optochin Disks, for microbiology	74042-50DISCS-F
Oxidase Strips, for microbiology	40560-100STRIPS-F
Oxidase Test, for microbiology	70439-50DISCS-F
Pseudomonas ID Membrane, for microbiology, white colored, sterile, diameter 70 mm	51161-10DISCS

* Name	Catalog Number
Pyrase Strips, for microbiology	67886-1KT
Raffinose Disks, for microbiology	94226-10X25DISCS
Rhamnose Disks, for microbiology	93999-10X25DISCS
Salicin Disks, for microbiology	92971-10X25DISCS
Salmonella ID Membrane, for microbiology, white colored, sterile, diameter 70 mm	68122-10DISCS
Sorbitol Disks, for microbiology	93998-10X25DISCS
Sucrose Disks, for microbiology	94309-10X25DISCS
Sucrose Fermentation Membrane, for microbiology, pinkish colored, sterile, diameter 70 mm	41473-25DISCS
Total Coliform ID Membrane, for microbiology, pink colored, sterile, diameter 70 mm	77396-25DISCS
Trehalose Disks, for microbiology	92961-10X25DISCS
Tributyrin-Strips, for microbiology	75744-300STRIPS-F
Universal Environmental ID Membrane, for microbiology, pale pink colored, sterile, diameter 70 mm	39187-25DISCS
Universal Food pathogen ID Membrane, for microbiology, light pink colored, sterile, diameter 70 mm	15713-25DISCS
UTI ID Membrane, for microbiology, white colored, sterile, diameter 70 mm	30374-25DISCS
X-Factor Disks, for microbiology	77148-1PAK-F
Xylose Fermentation Membrane, for microbiology, white colored, sterile, diameter 70 mm	92601-25DISCS

Kits & Tests

* Name	Catalog Number
Barritt's Reagent A, for microbiology	29333-100ML-F
Barritt's Reagent B, for microbiology	39442-100ML-F
Coagulase Test (Slide), for microbiology	75832-1PAK-F
Coagulase Test (Tubes), for microbiology	74226-1SET-F
DMACA Reagent, for microbiology	49825-50ML-F
FluoroSELECT™ <i>E.coli</i> Assay Kit	53649-1KT
FluoroSELECT™ Gram Negative Assay Kit	91333-1KT
FluoroSELECT™ MRSA Assay Kit, for microbiology	42779-1KT
FluoroSELECT™ single channel fluorometer, fluorescence λ_{ex} 600 nm; λ_{em} 650 nm	89463-1EA
FluoroSELECT™ Total Coliform Assay Kit, for microbiology	94478-1KT
Gram Staining Kit, for microscopy	77730-1KT-F
HybriScan™ Wash Solution, for microbiology	53777-500ML
Hydrogen peroxide solution, 3%, for microbiology	88597-100ML-F
Kovac's reagent for indoles, for microbiology	60983-100ML
Kovac's reagent for indoles, for microbiology	67309-100ML-F
β -Lactamase Testkit, for microbiology	40561-1KT-F
Nitrate Reagent A, for microbiology	38497-100ML-F
Nitrate Reagent B, for microbiology	39441-100ML-F
Nitrate Reduction Test, for microbiology	73426-1KT-F
Oxidase Reagent according to Gordon-McLeod, for microbiology	18502-100ML-F
Peptone Test Kit, for microbiology	66315-1KT-F
Peptone Test Kit with Plant Peptones, for microbiology	11577-1KT-F
TDA Reagent, for microbiology	80353-50ML-F
Titanium(IV) oxysulfate - sulfuric acid solution, 27-31% H ₂ SO ₄ basis, for the detection of H ₂ O ₂ and ether peroxides	89532-1L

Microbial Media

* Name	Catalog Number
A1 Broth, for microbiology	17112-500G
AC agar, for microbiology	A3340-500G
AC Broth, for microbiology	93207-500G
Actinomyces Agar, Vegitone, for microbiology	41159-500G-F
Actinomyces Broth, Vegitone, for microbiology	40834-500G-F
Actinomycete Isolation Agar, for microbiology	17117-500G
AEA Sporulation Broth (Base), modified, for microbiology	17170-500G
Aeromonas Isolation Agar (Base), for microbiology	17118-500G
Aeromonas Selective Supplement, for microbiology	17119-SVL
Algae Culture Broth, for microbiology	17124-500G
Alkaline saline peptone water, for microbiology	67362-500G
Andrade peptone water, for microbiology	A0715-500G
Antibiotic Agar No 1, for microbiology	70181-500G
Antibiotic assay medium No. 10, for microbiology	A1716-500G
Antibiotic assay medium No 19, for microbiology	A2715-500G
Antibiotic Broth, for microbiology	70184-500G
Arcobacter Broth, for microbiology	59848-500G
Asparagine Proline Broth, for microbiology	17129-500G
Aspergillus Differentiation Agar (Base), for microbiology	17121-500G
Azide Blood Agar (Base), for microbiology	70132-100G 70132-500G
Azide Glucose Broth, for microbiology	11539-500G
Baird Parker agar base (RPF), for microbiology	79893-500G
BG11 Broth, for microbiology, 100x concentrate, sterile filtered	73816-250ML
Bifido Selective Supplement B, for microbiology	90577-SVL
BiGGY Agar, for microbiology	73608-500G
Bile esculin agar, for microbiology	48300-500G-F
Bile esculin azide agar ISO 7899-2:2000, for microbiology	72678-500G
Bismuth sulfite Agar, for microbiology	95388-500G
Blood Agar (Base), for microbiology	70133-100G 70133-500G 70133-2.5KG
Blood agar base no. 2, for microbiology	B1676-500G
Blood Free Campylobacter Broth, for microbiology	59751-500G
Blood Free Campylobacter Medium Selective Supplement, for microbiology	74807-SVL
Blood Free Campylobacter Selectivity Agar Base, for microbiology	B2426-500G
Bolton Broth, Base, for microbiology	67454-500G
Bolton Selective Supplement, for microbiology	40568-SVL
Brain Heart Infusion Agar, for microbiology	70138-500G
Brain Heart Infusion Broth, for microbiology	53286-100G 53286-500G
Brain Heart Infusion with PABA, for microbiology	44319-500G
Brewer Agar, for microbiology	15997-500G
Brewer thioglycollate medium, for microbiology	B2551-500G
BRILA MUG Broth, for microbiology	16016-500G-F
Brilliant green agar, modified, <i>BioChemika</i> , for microbiology	B1801-500G
Brilliant green agar, modified, for microbiology	70134-500G
Brilliant green bile agar, for microbiology	B1802-500G
Brilliant Green Bile Lactose Broth, for microbiology	16025-500G
Brilliant Green + Novobiocin Selective Supplement, for microbiology	68589-10VL
Brilliant Green Phenol Red Lactose Sucrose Agar, for microbiology	16026-500G
Bromcresol Purple Broth, for microbiology	36408-500G

3: Analytical Applications & Standards

Analytical Microbiology

Microbial Media

* Name	Catalog Number
Brucella Agar, for microbiology	18795-500G
Brucella Agar with Hemin and Vitamin K1, for microbiology	B2926-500G
Brucella broth base, for microbiology	B3051-500G
Bryant and Burkey Medium, for microbiology	91903-500G
BSM Agar, for microbiology	88517-250G-F 88517-500G-F
BSM Broth, for microbiology	90273-500G-F
BSM Supplement, for microbiology	83055-1G-F 83055-5G-F
B.T.B. lactose agar, for microbiology	B3676-500G
CaCO ₃ Agar, for microbiology	40545-500G
Campylobacter Selective Agar (Base), for microbiology	21378-500G
Campylobacter Selective Supplement (Karmali), for microbiology	17780-5VL
Campylobacter supplement III (Skirrow), for microbiology	C3222-5VL
Candida Ident Agar, modified, for microbiology	94382-100G 94382-500G
Candida Selective Supplement, for microbiology	68067-5VL
Casein hydrolysate broth, for microbiology	C8845-500G
Casein peptone Lecithin Polysorbate Broth, for microbiology	22089-500G-F
Casein yeast magnesium agar, for microbiology	C9095-500G
CASO Agar, for microbiology	22095-500G-F 22095-2.5KG-F
CASO Broth, for microbiology	22098-500G-F 22098-2.5KG-F
CCDA Selective Supplement, for microbiology	77093-5VL
Cereus Selective Agar, for microbiology	22310-500G
Cetrimide Agar, for microbiology	70887-500G-F
Cetrimide Agar, for microbiology	22470-500G-F
Cetrimide Broth, for microbiology	78886-500G-F
Cetrinix supplement, for microbiology	C8721-10VL
CFC Selective Supplement, for microbiology	53477-5AMP-F
Chapman Stone Agar, for microbiology	C9595-500G
China Blue Lactose Agar, for microbiology	22520-500G
Chloramphenicol Selective Supplement, for microbiology	29231-5VL-F
Chlortetracycline Selective Supplement, for microbiology	17776-5VL
Christensen's Urea Agar, for microbiology	27048-500G-F
CLED Agar, for microbiology	55420-500G
Clostridium difficile Agar (Base), for microbiology	17145-500G
Clostridium difficile Supplement, for microbiology	17122-5VL
Columbia Agar, for microbiology	27688-100G 27688-500G
Cooked Meat Broth, for microbiology	60865-500G
Corn meal agar, microbiology tested	C1176-1KG
Corn Meal Agar, for microbiology	42347-500G-F
CPC-Agar (Base), for microbiology	17134-100G
CP ChromoSelect Agar, for microbiology	12398-62.84G 12398-250G
CPC Selective Supplement, for microbiology	17137-5VL
m-CP selective Supplement I, for microbiology	51962-5VL-F
m-CP selective Supplement II, for microbiology	82265-5VL-F
Cronobacter screening broth, for microbiology	38948-500G
CT Supplement, for microbiology	77981-5VL-F
Cycloheximide solution, 0.1%, for microbiology	18079-10X10ML-F
Czapek Dox Agar, for microbiology	70185-100G 70185-500G
Czapek-Dox broth, for microbiology	C1551-250G C1551-1KG
Davis Minimal Agar, for microbiology	79332-500G-F

* Name	Catalog Number
Davis Minimal Broth, for microbiology	93753-500G-F
Davis Minimal Broth, without Dextrose, for microbiology	15758-500G-F
DCLS Agar, for microbiology	70135-500G
DCLS Agar No. 2, for microbiology	90035-500G
Decarboxylase broth base, Moeller, for microbiology	D2935-500G
Deoxycholate citrate agar, for microbiology	D7809-500G
Deoxyribonuclease Test Agar, for microbiology	70136-500G
Deoxyribonuclease Test Agar, for microbiology	30787-500G
DEV Gelatin Agar, for microbiology	31433-500G
DEV Lactose Peptone Broth, for microbiology	31437-100G-F 31437-500G-F
DEV Nutrient Agar, for microbiology	31438-500G-F
DEV Tryptophan Broth, for microbiology	31406-500G-F
Dextrose starch agar, for microbiology	D3060-500G
Dey-Engley Neutralizing Agar, for microbiology	42571-500G
Dey-Engley neutralizing broth, for microbiology	D3435-500G
Dichloran Glycerol Agar, for microbiology	40587-500G
Dichloran Rose bengal Agar (Base), for microbiology	17147-500G
DNase test agar with toluidine blue, for microbiology	D2560-500G
EC Broth, for microbiology	44653-500G
ECD Agar, for microbiology	44655-500G
ECD MUG Agar, for microbiology	44657-500G
E. coli O157:H7 MUG Agar, for microbiology	44782-500G
Egg yolk Tellurite Emulsion, for microbiology	75208-5VL
Elliker Broth, for microbiology	17123-500G
EMB Agar, for microbiology	70186-500G
Endo agar, for microbiology	E5399-500G
ENDO Agar (Base), for microbiology	70137-500G
m-Endo Agar LES, for microbiology	85766-500G-F
m-Endo Broth, for microbiology	17162-500G
m-Enterococcus Agar, modified, for microbiology	17185-500G
Enterococcus Selective Agar, for microbiology	45183-500G
Esculin Iron Agar, for microbiology	82981-500G-F
Ethyl Violet Azide Broth, for microbiology	17139-500G
m-FC-Agar, for microbiology	96961-500G-F
m-FC Agar, Vegitone, for microbiology	43291-500G-F
Ferrioxamine E from <i>Streptomyces antibioticus</i> , for microbiology, ≥95%	38266-3MG-F 38266-9MG-F
Folic acid assay medium, for microbiology	F5422-100G
Fraser Broth, Base, for microbiology	69198-500G
Fraser enrichment supplement, for microbiology	F2674-5VL
Fraser secondary enrichment broth base, for microbiology	F6672-500G
Fraser Selective Supplement, for microbiology	18038-5VL
Fraser Supplement, for microbiology	90836-10VL
Frey mycoplasma broth base, for microbiology	F6797-500G
Gassner Agar, for microbiology	48716-500G-F
Gassner lactose agar, for microbiology	G9431-500G
Gelatin iron medium, for microbiology	G0289-500G
Glucose Azide Broth, for microbiology	17157-500G
Glucose Bromcresol Purple Agar, for microbiology	16447-500G
Gruff Mycobacterial Supplement, for microbiology	51803-5VL-F
GSP Agar, for microbiology	50875-500G
Haemophilus Medium, for microbiology	51295-500G
m-HD Endo Broth with Brilliant Green, for microbiology	17184-500G
Hektoen Enteric Agar, for microbiology	51490-500G
HiCrome™ Coliform Agar, for microbiology	81938-27G-F 81938-500G-F
HiCrome™ Coliform Agar, modified, for microbiology	93227-250G

* Name	Catalog Number
HiCrome™ m-CP Agar Base, for microbiology	75605-100G-F 75605-500G-F
HiCrome™ <i>Cronobacter</i> spp. Agar, for microbiology	92324-51.67G 92324-500G
HiCrome™ <i>Cronobacter</i> spp. Agar, modified, for microbiology	14703-31.75G 14703-500G
HiCrome™ EC 0157:H7 Selective Supplement I, for microbiology	80331-5VL
HiCrome™ ECC Agar, for microbiology	73009-56G-F
HiCrome™ ECC Selective Agar, for microbiology	85927-26.5G-F 85927-500G-F
HiCrome™ EC 0157:H7 Selective Agar, Basis, for microbiology	72557-80.2G-F 72557-500G-F
HiCrome™ ECO157:H7 Selective Supplement, for microbiology	44931-5VL-F
HiCrome™ <i>E. coli</i> Agar B, for microbiology	70722-36.6G-F
HiCrome™ Enrichment Broth (Base) for EC 0157:H7, for microbiology	80330-22.8G 80330-100G
HiCrome™ Enterococci Broth, for microbiology	52441-500G-F
HiCrome™ ESBL Agar Base, for microbiology	55806-500G
HiCrome™ ESBL Agar Supplement, for microbiology	61471-5VL
HiCrome™ Klebsiella Selective Agar Base, for microbiology	90925-40.8G 90925-500G
HiCrome™ KPC Agar Base, for microbiology	44022-500G
HiCrome™ KPC Agar Supplement, for microbiology	52099-5VL
HiCrome™ MacConkey-Sorbitol Agar, for microbiology	83339-50.2G-F 83339-500G-F
HiCrome™ MeReSa Agar Base, for microbiology	90923-41.65G 90923-500G
HiCrome™ Nickels and Leesment Medium, for microbiology	68109-500G
HiCrome™ Nickels and Leesment Selective Supplement, for microbiology	40952-5VL
HiCrome™ PA Broth, for microbiology	51696-500G
HiCrome™ RajHans Medium, modified, for microbiology	90918-42.35G 90918-250G
HiCrome™ Rapid Coliform Broth, for microbiology	51489-500G-F
HiCrome™ Rapid Enterococci Agar, for microbiology	51759-100G-F
HiCrome™ Salmonella Agar, for microbiology	78419-27.9G-F 78419-250G-F
HiCrome™ Staph Agar Base, modified, for microbiology	30524-500G
HiCrome™ Strep B Selective Agar Base, for microbiology	56921-500G
HiCrome™ Strep B Selective Supplement, for microbiology	92650-5VL
HiCrome™ m-TEC Agar, for microbiology	90924-45.6G 90924-500G
HiCrome™ Universal Differential Medium, for microbiology	89986-500G
HiCrome™ UTI Agar, modified, for microbiology	16636-500G-F
HiCrome™ Vibrio Agar, for microbiology	92323-67.5G 92323-500G
HiCrome™ VRE Agar Base, for microbiology	79599-500G
HiCrome™ VRE Agar Supplement, for microbiology	55286-5VL
HiFluoro™ <i>Pseudomonas</i> Agar Base, for microbiology	78996-100G-F 78996-500G-F
Hippurate Broth, for microbiology	53275-500G
Hoyle's tellurite agar, base, for microbiology	12282-500G
ITC Broth (Base), for microbiology	17156-500G
Kanamycin Esculin Azide Agar, for microbiology	17151-500G
Karmali Campylobacter Agar (Base), for microbiology	17152-500G
KF-Streptococcus Agar, for microbiology	60641-500G
King Agar A, for microbiology	60788-500G
King Agar B, for microbiology	60786-500G
Klebsiella Selective Supplement, for microbiology	15821-5VL

* Name	Catalog Number
Kligler Agar, for microbiology	60787-100G 60787-500G
Kundrat Agar, for microbiology	61130-500G
Lactic Acid Supplement, modified, for microbiology	14121-5VL-F
Lactobacillus bulgaricus Agar (Base), for microbiology	17154-500G
Lactose Broth, for microbiology	70142-500G
Lactose Gelatin Medium (Base), for microbiology	61348-500G-F
Lactose TTC Agar with Tergitol®-7, for microbiology	54232-500G
Lauryl sulfate Broth, for microbiology	61749-500G
Lauryl sulfate Broth, for microbiology	17349-500G
m-Lauryl Sulfate Broth, Vegitone, for microbiology	49522-500G-F
LB-Agar, high salt, for microbiology	52062-500G-F 52062-2.5KG-F
LB Agar, Vegitone, for microbiology	19344-500G-F
LB-Broth, high salt, for microbiology	51208-500G-F 51208-2.5KG-F
LB Broth, Vegitone, for microbiology	28713-500G-F
Legionella Agar Base, for microbiology	74303-500G
Legionella BCYE Supplement without L-cysteine, for microbiology	43753-5VL
Legionella Enrichment Broth Base, for microbiology	94423-100G
Legionella Growth Supplement (Twin Pack), for microbiology	42981-1KT
Legionella (GVPC) Selective Supplement, for microbiology	61025-5VL
Legionella (GVPN) Selective Supplement, for microbiology	43509-5VL
<i>Legionella</i> Selective Supplement IV, for microbiology	94029-2AMP-F
Legionella Supplement (Twin Pack), for microbiology	89166-1KT
Leifson Agar, for microbiology	61792-500G
Levine EMB Agar, for microbiology	62087-500G-F
Listeria Enrichment Broth according to FDA/IDF-FIL, for microbiology	62353-500G-F
Listeria mono Differential Agar (Base), for microbiology	77408-500G
Listeria mono Selective Supplement I, for microbiology	92301-5VL
Listeria mono Selective Supplement II, for microbiology	91603-5VL
Listeria Motility Medium, for microbiology	55265-500G
Listeria Selective Agar, for microbiology	62355-500G
Listeria Selective Enrichment Supplement according to FDA, for microbiology	62348-16VL
Listeria Selective Enrichment Supplement according to IDF/FIL, for microbiology	62351-5VL
Listeria UVM II Supplement, for microbiology	50279-5VL
Listeria UVM I Supplement, for microbiology	50195-5VL
Lithium mupirocin Supplement, for microbiology	69732-10X5ML 69732-10X25ML
Litmus Milk, for microbiology	17158-500G
Liver Broth, for microbiology	61724-500G
LPM Agar, for microbiology	62653-500G
LS Differential Agar, for microbiology	17153-500G
LST-MUG Broth, for microbiology	62634-500G
Lysine Decarboxylase Broth, for microbiology	66304-500G
L-Lysine decarboxylation medium, for microbiology	41932-500G
Lysine Iron Agar, for microbiology	62915-500G
Lysine medium, for microbiology	L5910-500G
M-17 Agar, for microbiology	63016-500G-F
M-17 Broth, for microbiology	56156-500G-F
M9 Broth, for microbiology	63011-500G-F
MacConkey Agar, for microbiology	M7408-250G M7408-500G
MacConkey Agar No 1, for microbiology	70143-500G 70143-1KG

3: Analytical Applications & Standards

Analytical Microbiology

Microbial Media

* Name	Catalog Number
MacConkey Agar with Crystal violet, Sodium chloride and 0.15% Bile salts, for microbiology	M8302-500G
MacConkey-Agar (without salt), for microbiology	51405-500G-F
MacConkey Broth, for microbiology	70144-500G
MacConkey Broth Purple, for microbiology	16377-500G-F
MacConkey MUG Agar, for microbiology	63014-100G-F 63014-500G-F
MacConkey-Sorbitol Agar, for microbiology	88902-500G-F
Malachite Green Broth, for microbiology	63163-500G 63163-2.5KG
Malonate broth, for microbiology, pH 6.7±0.2 (25 °C)	M8802-500G
Malt agar, for microbiology	M9802-500G
Malt Extract Agar, Microbiologically tested	M6907-250G
Malt Extract Agar, for microbiology	70145-100G 70145-500G 70145-2.5KG
Malt Extract Agar, modified, <i>BioChemika</i> , for microbiology	M8927-100G
Malt Extract Agar, modified, for microbiology	97218-500G
Malt Extract Agar modified, Vegitone, for microbiology	38954-500G-F
Malt Extract Broth, for microbiology	M6409-250G
Malt Extract Broth, for microbiology	70146-500G
Mannitol Lysine Crystal Violet Brilliant Green Agar, for microbiology	53189-500G
Mannitol Salt Phenol Red Agar, for microbiology	63567-500G-F
Meat Liver Agar, for microbiology	46379-500G-F
Membrane Lactose Glucuronide Agar, for microbiology	39734-88G-F 39734-500G-F
Methyl Red Voges Proskauer Broth, for microbiology	39484-500G-F
Middlebrook 7H10 Agar Base, for microbiology	M0303-500G
Middlebrook 7H11 Agar Base, for microbiology	M0428-500G
Middlebrook 7H9 Broth Base, for microbiology	M0178-500G
Middlebrook ADC Growth Supplement, for microbiology	M0553-1VL
Middlebrook OADC Growth Supplement, for microbiology	M0678-1VL
Milk Agar, for microbiology	70147-500G
Mineral modified Glutamate Broth (Base), for microbiology	17171-500G
MIO Medium, for microbiology	M1428-500G
MKTTn Novobiocin Supplement, for microbiology	79894-1VL 79894-5VL
Modified Giolitti and Cantoni Broth (ISO), for microbiology	69527-500G
Modified Lauryl Sulfate Tryptose Broth acc.to ISO/TS 22964, for microbiology	89916-500G
Mossel Broth, for microbiology	69965-500G
Motility Nitrate Medium, for microbiology	14305-500G
Motility Test Medium, for microbiology	M1053-500G
Moxalactam Supplement, for microbiology	43963-5VL
MRS Agar, for microbiology	69964-500G
MRS Agar, original acc. DeMan-Rogosa-Sharpe, for microbiology	30912-500G
MRS Agar, Vegitone, for microbiology	41782-500G-F
MRSA Selective Supplement, for microbiology	51387-5VL
MRS Broth, for microbiology	69966-500G
MRS Broth modified, Vegitone, for microbiology	38944-500G-F
Mucate Broth, for microbiology	17178-100G 17178-500G
Mueller Hinton Agar, for microbiology	70191-100G 70191-500G 70191-2.5KG
Mueller-Hinton Agar 2, for microbiology	97580-500G-F 97580-2.5KG-F
Mueller Hinton Broth, for microbiology	70192-100G 70192-500G

* Name	Catalog Number
Mueller Hinton Broth 2, for microbiology, Cation-adjusted	90922-500G
MUG EC broth, for microbiology	M1678-500G
MUG Supplement, for microbiology	18493-5VL
MUG Tryptone Soya Agar, for microbiology	17165-500G
Müller-Kauffmann Tetrathionate Broth, Base (ISO), for microbiology	43052-500G
Muller-Kauffmann Tetrathionate Novobiocin Broth, for microbiology	89176-500G
Mycoplasma agar base, for microbiology	M2178-500G
Mycoplasma enrichment supplement, for microbiology	M6930-1VL
NBB Agar Base, modified, for microbiology	64198-500G
NBB Broth Base, modified, for microbiology	50725-500G
Niacin assay medium, for microbiology	N7404-100G
Nitrate Broth, for microbiology	72548-100G 72548-500G
Nutrient Agar, for microbiology	70148-100G 70148-500G 70148-2.5KG
Nutrient agar, for microbiology	N9405-500G
Nutrient agar, Microbiologically tested	N4019-250G N4019-1KG
Nutrient Agar No 2, for microbiology	70116-500G
Nutrient Agar pH 6.0 with 0.8% NaCl, for microbiology	17179-500G
Nutrient Broth, No. 1, for microbiology	70122-100G 70122-500G
Nutrient Broth, No. 3, for microbiology	70149-500G
Nutrient broth, Microbiologically tested	N7519-250G N7519-1KG
Nutrient Broth No 5, for microbiology	78104-500G
Nutrient Broth No 3, Vegitone, for microbiology	16336-500G-F
Nutrient Broth pH 6.9 without NaCl, for microbiology	17181-500G
Nutrient Gelatin, for microbiology	70151-500G-F
Oatmeal agar, Microbiologically tested	O3506-250G O3506-1KG
OF Test Nutrient Agar, for microbiology	75315-500G
OGY Agar, for microbiology	75310-500G
Orange-serum Agar, for microbiology	75405-500G
Ornithine Decarboxylase Broth, for microbiology	O5386-100G
Oxford Agar, for microbiology	75805-500G
Oxford <i>Listeria</i> Selective Supplement, for microbiology	75806-10VL
Oxytetra Selective Supplement, for microbiology	51239-5VL-F
PALCAM <i>Listeria</i> Selective Agar, for microbiology	75977-500G
PALCAM <i>Listeria</i> Selective Agar, Vegitone, for microbiology	15776-500G-F
PALCAM <i>Listeria</i> Selective Enrichment Broth, Vegitone, for microbiology	59859-500G-F
PALCAM <i>Listeria</i> Selective Supplement according to Van Netten et al., for microbiology	91986-10VL
Park and Sanders Selective Supplement I, for microbiology	17191-5VL
Park and Sanders Selective Supplement II, for microbiology	17194-5VL
Peptone Sorbitol Bile Broth, for microbiology	17192-500G
Peptone Water, for microbiology	77185-500G
Peptone Water, for microbiology	70179-500G
Peptone Water, phosphate-buffered, for microbiology	77187-500G 77187-5KG 77187-25KG
Peptone Water, phosphate-buffered, for microbiology, ready to use media in the bottle	94217-10X225ML
Peptone Water, phosphate-buffered, for microbiology, phosphate-buffered with Ferrioxamine E	67331-500G
Peptone Water, phosphate-buffered, Vegitone, for microbiology	40893-500G-F
Peptone Yeast Extract Agar, for microbiology	79883-500G

* Name	Catalog Number
Peptone Yeast Extract Agar, for microbiology	77196-500G
Perfringens Agar Base, for microbiology	39727-500G
Perfringens S.F.P. Selective Supplement, for microbiology	53436-5VL
Perfringens T.S.C. supplement, for microbiology	P9352-1VL
3M™ Petrifilm™ Aerobic Count Plates	A7237-1000EA
Phenolphthalein phosphate agar, for microbiology	68879-500G
Phenol red broth base, for microbiology	P8976-500G
Phenol red salicin broth, for microbiology	P0477-500G
Phenol red starch broth, for microbiology	P0727-500G
Phenylalanine Agar, for microbiology	78052-500G
Phosphate buffer, for microbiology, APHA, pH 7.2	17202-500G
Photobacterium Broth, for microbiology	38719-500G-F
Plate Count Agar, for microbiology	70152-500G 70152-2.5KG
Plate-Count-Agar according to Buchbinder et al., for microbiology	88588-500G-F 88588-2.5KG-F
Plate Count Agar, Vegitone, for microbiology	19718-500G-F
Plate Count MUG Agar, for microbiology	51413-500G
Plate Count Skim Milk Agar, for microbiology	80957-500G
PLET Agar, for microbiology	55678-500G-F
PM Indicator Agar, for microbiology	17186-500G
Polymyxin B selective supplement, for microbiology	P9602-5VL
Potassium tellurite solution, 1% in H ₂ O, for microbiology	17774-10X10ML-F
Potato Dextrose Agar, for microbiology	P2182-250G P2182-1KG
Potato Dextrose Agar, for microbiology	70139-100G 70139-500G 70139-2.5KG
Potato Dextrose Broth, for microbiology	P6685-250G P6685-1KG
Potato Glucose Rose bengal Agar (Base), for microbiology	17204-500G
Potato Glucose Sucrose Agar, for microbiology	17205-500G
Pseudomonas agar, for microbiology	P1852-500G
Pseudomonas agar base, for microbiology	P2102-500G
Pseudomonas Isolation Agar, for microbiology	17208-500G
R-2A Agar, for microbiology	17209-500G
Rappaport Vassiliadis Broth, modified, for microbiology	17173-500G
Rappaport Vassiliadis medium, for microbiology	R0773-500G
Rappaport Vassiliadis medium (base), modified, semi-solid, for microbiology	92322-500G
Reinforced Clostridial Agar, for microbiology	91365-500G
Rhamnose Broth, for microbiology	80547-500G-F
Rice Extract Agar, for microbiology	83551-500G
Ringers solution 1/4 strength tablets, for microbiology	96724-100TAB
Rogosa SL agar, for microbiology	R1148-500G
Rose bengal agar base, for microbiology	R1273-500G
Rose Bengal Chloramphenicol Agar, for microbiology	17211-500G
Sabouraud dextrose broth, for microbiology	S3306-100G S3306-500G
Sabouraud 2% Glucose Agar, for microbiology	84086-500G 84086-2.5KG
Sabouraud 4% Glucose Agar, for microbiology	84088-500G
Sabouraud Glucose Agar with Chloramphenicol, for microbiology	89579-500G-F
Salmonella Chromogen Agar, for microbiology	84369-500G-F
Salmonella Chromogen Agar Supplement, for microbiology	38589-5VL-F
Schaedler Agar, for microbiology	91019-500G
Schwarz Differential Agar, for microbiology	40608-500G
SD Agar, for microbiology	84605-500G

* Name	Catalog Number
Sea salts	S9883-500G S9883-1KG
Selective Agar for pathogenic fungi, for microbiology	84886-500G
Selenite Broth (Base), for microbiology	70153-500G 70153-2.5KG
Semi-solid nutrient agar ISO 6579:2002, for microbiology	79890-500G
Shigella Broth Base, for microbiology	75028-500G
Simmons Citrate Agar, for microbiology	85463-500G
SOC Broth, for microbiology	85469-10ML 85469-10X10ML
Sorbic acid Agar (Base), for microbiology	85515-500G
Spirit blue agar, for microbiology	S4306-500G
SPS Agar, for microbiology	85627-500G
SPS Agar, modified, for microbiology	17231-500G
SS-Agar, for microbiology	85640-500G
Sulfate API Agar, for microbiology	13005-500G-F
Sulfate Reducing Broth, Base, for microbiology	28228-100G-F
TBG Broth, for microbiology	86352-500G
TB-Medium Base according to Loewenstein-Jensen, for microbiology	63237-500G-F
TBX Agar, for microbiology	92435-100G-F 92435-500G-F
TCBS Agar, for microbiology	86348-100G 86348-500G
Tergitol®-7 Agar, for microbiology	86455-500G
Thayer-Martin Supplement I, for microbiology	44051-2VL-F
Thayer-Martin Supplement II, for microbiology	52083-2UN-F
Thermoacidurans Agar, for microbiology	17274-500G
Thioglycolate Broth with Resazurine, for microbiology	90404-500G
Thioglycolate Broth (USP Alternative), for microbiology	70157-100G 70157-500G
Thioglycolate medium, Microbiologically tested	T9032-500G T9032-1KG
Thioglycolate Medium with K Agar, for microbiology	28976-500G
Thiol broth, for microbiology	T2117-500G
Ticarcillin Supplement, for microbiology	17778-5VL
Tinsdale Agar Base, for microbiology	89747-500G-F
Todd Hewitt broth, for microbiology	T1438-100G T1438-500G
Tomato Juice Agar, for microbiology	17216-500G
Tomato Juice Broth, for microbiology	17218-500G
TOS-propionate agar medium (acc. ISO), for microbiology	43314-500G
Trace Metal Mix A5 with Co, for microbiology, sterile	92949-25ML
Tributyryn Agar, for microbiology	91015-100G 91015-500G
2,3,5-Triphenyl-tetrazolium chloride solution, for microbiology	17779-10X10ML-F
Triple Sugar Iron Agar, for microbiology	44940-500G
Triple Sugar Iron Agar (acc. to ISO), for microbiology	92499-500G
Tryptic Soya Agar with Polysorbate 80 and Lecithin, for microbiology	51414-500G
Tryptic Soy Agar, for microbiology	22091-500G 22091-2.5KG
Tryptic Soy Agar, Vegitone, for microbiology	14432-500G-F
Tryptic Soy Broth, for microbiology, ready to use media in the bottle	43592-800ML
Tryptic Soy Broth, for microbiology	22092-500G
Tryptic Soy Broth, Microbiologically tested.	T8907-500G T8907-1KG
Tryptic Soy Broth No. 2, for microbiology	51228-500G-F 51228-2.5KG-F
Tryptone Bile Agar, for microbiology	92008-500G

3: Analytical Applications & Standards

Analytical Microbiology

Microbial Media

* Name	Catalog Number
Tryptone Glucose Extract Agar, for microbiology	70159-100G 70159-500G
Tryptone Glucose Yeast Extract Agar, for microbiology	T2188-500G
Tryptone Medium, for microbiology	93657-500G
Tryptone salt diluent tablets, for microbiology	43173-100TAB
Tryptone Soya Broth without dextrose, for microbiology	T3938-500G
Tryptone Soya Yeast Extract Agar, for microbiology	93395-500G
Tryptone soya yeast extract broth ISO 11290-2:1998, for microbiology	55309-500G
Tryptone Water, for microbiology	70194-500G
Tryptone Yeast extract Agar, for microbiology	17221-500G
Tryptose Agar, for microbiology	T2313-500G
Tryptose Broth, for microbiology	T4407-500G
mTSB Broth with Novobiocin, for microbiology	76704-500G-F
TSC Agar Supplement, for microbiology	80548-5G-F
TSN Agar, for microbiology	93735-500G
Universal Beer Agar, for microbiology	17226-500G
Universal Pre-Enrichment Broth, for microbiology	91366-500G
Urea agar base (Christensen), for microbiology	U1757-500G
Urea Broth, for microbiology	51463-500G
UVM Listeria Selective Enrichment Broth, modified I & II, for microbiology	90554-500G
Vancomycin supplement, for microbiology	75423-5VL
VCC Selective Supplement, for microbiology	80704-5VL
Veal infusion broth, for microbiology	V5262-500G
Vegitone; Casein Soya Broth, for microbiology	41298-500G-F
Vegitone infusion broth, for microbiology	41960-500G-F
Violet Red Bile Agar, for microbiology	70188-500G
Violet Red Bile Glucose Agar, for microbiology	70189-500G
Violet Red Bile Glucose Agar without Lactose, for microbiology	17213-500G

* Name	Catalog Number
Violet Red Bile Glucose Agar without Lactose, Vegitone, for microbiology	53605-500G-F
Violet Red Bile Lactose Agar, Vegitone, for microbiology	42376-500G-F
Vitamin B ₁₂ Assay Medium, for microbiology	82897-100G-F
Vitamin B ₁₂ assay medium, for microbiology	B3801-100G
Vogel-Johnson Agar, for microbiology	70195-500G
VRB MUG Agar, for microbiology	95273-500G
Wilkins Chalgren anaerobic agar, for microbiology	W1761-500G
WL Differential Agar, for microbiology	17215-500G
WL Nutrient Agar, for microbiology	17222-500G
WL nutrient broth, for microbiology	W2261-500G
Wort Agar, for microbiology	70196-500G
Wort Broth, for microbiology	53493-500G
XLD Agar, for microbiology	95586-500G
XLD Agar ISO 6579:2002, for microbiology	14781-500G
XLT4 Agar (Base), for microbiology	76721-500G-F
XLT4 Agar Supplement, for microbiology	83714-100ML-F
Yeast Carbon Base, for microbiology	Y3627-100G
Yeast malt agar, for microbiology	Y3127-500G
Yeast malt broth, for microbiology	Y3752-500G
Yeast mannitol agar, for microbiology	Y3252-500G
Yeast mannitol broth, <i>BioChemika</i> , for microbiology	Y3377-500G
Yeast Nitrogen Base, for microbiology	51483-100G
Yeast Nitrogen Base Without Amino Acids and Ammonium Sulfate, for microbiology	Y1251-100G Y1251-1KG
Yersinia Selective Agar, for microbiology	95760-500G
<i>Yersinia</i> Selective Supplement, for microbiology	75258-2VL-F
YGC Agar, for microbiology	95765-500G
YPD Broth, for microbiology	Y1375-250G Y1375-1KG

Gas Chromatography (GC)

Accessories

* Name	Catalog Number
Agilent ADM 2000 Digital Volumetric Flowmeter	29596-U
Agilent/HP JetPaper Print Cartridge	22775
Cage for Fused Silica Column, size 6 in. (15 cm), for use with 0.25 mm I.D. column	23742
Cage for Fused Silica Column, size 8 in. (20 cm), for use with 0.32 mm or 0.53 mm I.D. column	23743
Capillary Cleaving™ Tool, Retractable Blade Version	23814
Capillary Cleaving™ Tool, Replacement Blade (for P/N 23814)	23815
Capillary Cleaving™ Tool, Fixed Blade Version	23740-U
Capillary Column Butt Connector, I.D. 0.4 mm, Supeltext M-2 ferrule, included	23796
Capillary Column Butt Connector, body only (ferrules not included)	23804
Capillary Column Butt Connector Nut, 1/16 in. male hexagonal wrenchtight	23805
Capillary Column Butt Connector Nut, 1/16 in. male knurled fingertight	23812
Capillary Column Nut (fits Agilent injectors and non-MS detectors), hexagonal wrenchtight version, pkg of 2 ea	24833-U
Capillary Column Nut (fits Agilent [MS detector] and PerkinElmer®), hexagonal wrenchtight version, pkg of 5 ea	28034-U
Capillary Column Nut (fits Varian®), pkg of 1 ea	28033-U
Capillary Column Nut Kit (fits Shimadzu™)	23312
Capillary Column Tags, pkg of 100 ea	23779
Capillary Starter Kit	23639
CapSeal Bullet® Capillary Ferrule, General Purpose, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 12 ea	23480-U
CapSeal Bullet® Capillary Ferrule, General Purpose, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 48 ea	23485
CapSeal Bullet® Capillary Ferrule, General Purpose, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 12 ea	23481
CapSeal Bullet® Capillary Ferrule, General Purpose, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 48 ea	23486
CapSeal Bullet® Capillary Ferrule, General Purpose, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 12 ea	23482
CapSeal Bullet® Capillary Ferrule, General Purpose, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 48 ea	23487
CapSeal Bullet® Capillary Ferrule, Long Design, I.D. 0.4 mm, 0.10-0.25 mm I.D. Column, pkg of 12 ea	23488
CapSeal Bullet® Capillary Ferrule, Long Design, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 48 ea	23493
CapSeal Bullet® Capillary Ferrule, Long Design, I.D. 0.5 mm, 0.32 mm I.D. Column, pkg of 12 ea	23489
CapSeal Bullet® Capillary Ferrule, Long Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 48 ea	23494-U
CapSeal Bullet® Capillary Ferrule, Long Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 12 ea	23490
CapSeal Bullet® Capillary Ferrule, Long Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 48 ea	23495
CapSeal Bullet® Capillary Ferrule, Long Design, I.D. 1.0 mm, 0.50-0.75 mm I.D. Column, pkg of 12 ea	23491-U
CapSeal Bullet® Capillary Ferrule, Short Design, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 10 ea	23864
CapSeal Bullet® Capillary Ferrule, Short Design, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 50 ea	23867
CapSeal Bullet® Capillary Ferrule, Short Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 10 ea	23865
CapSeal Bullet® Capillary Ferrule, Short Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 50 ea	23868
CapSeal Bullet® Capillary Ferrule, Short Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 10 ea	23866

* Name	Catalog Number
CapSeal Bullet® Capillary Ferrule, Short Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 48 ea	23869
Chart Paper for Recorder, for use with Linear Instruments 1200, 1201, 1202, 1210, 2020, 2030, chart type, 0100-0026, pkg of 25 ea	22349
Chart Paper for Recorder, chart type, blank roll	22350-U
Chart Paper for Recorder, Kipp & Zonen, XR-9, chart paper L x W 66 ft x 230 mm, chart type, 0-100, pkg of 25 roll	22802
Chart Paper for Recorder, chart type, black thermal, for use with Shimadzu C-R5A, 223-02037-81 (OEM), pkg of 10 ea	22838
Chart Paper for Recorder, chart type, black thermal, for use with Shimadzu C-R3A, C-R6, 221-25412-00 (OEM), pkg of 10 ea	22851
Chart Paper for Recorder, PerkinElmer, 056-7300 (OEM), chart type, 0-100 double scale metric, pkg of 1 roll	22854
Chart Paper for Recorder, PerkinElmer, N625-1026/27 (OEM), chart type, blank, pkg of 25 ea	22856
Chart Paper for Recorder, chart type, blank, black Z-fold	22887
Chart Paper for Recorder, Varian, 03-917650-01 (OEM), chart type, black thermal, pkg of 12 ea	22891
Chart Paper for Recorder, for use with Agilent/HP recorders, chart type, Z-fold JetPaper, W x L 8.5 in. x 11 in., package of 5 x 500 sheets	22896
Chart Paper for Recorder, Shimadzu, 223-02037-02 (OEM), chart type, blank, pkg of 10 rolls	23604
Chart Paper for Recorder, Kipp & Zonen, XR-18 (OEM), chart paper L x W 66 ft x 230 mm, chart type, 100-0 English, pkg of 1 roll	23609
Chart Paper for Recorder, PerkinElmer, C005-0610 (OEM), chart type, 0-100 English, pkg of 1 roll	23613
Chart Paper for Recorder, chart type, black thermal, for use with Shimadzu C-R4A	23615
Chart Paper for Recorder, S221-13391-01 (OEM), chart type, black thermal, pkg of 1 roll	23617
Chart Paper for Recorder, blue, chart type, plain, pkg of 2 rolls	22337
Chart Paper for Recorder, black, chart type, blank	22355-U
Chart Paper for Recorder, EC-100 (OEM), chart type, 0-10 English, pkg of 4 rolls	22934
Chart Paper for Recorder, HP5080-8735, box of 10	22885-U
Chart Paper for Recorder, box of 10, Z-fold, black	22888
Chart Paper for Recorder, Blank, blue, box of 10	22346
Chart Paper for Recorder, Blank, black, box of 10	22356
Chart Paper for Recorder, box of 4	22357
Chart Paper for Recorder, Blank for Spectra Physics 4270, 4290 and Varian Vista 401/402, box of 25	22375
Chart Paper for Recorder, Black thermal for Shimadzu C-R4A, box of 25	23616
Chart Paper for Recorder, Blank for Spectra Physics and Varian 4270,4290, roll of 1	22374
Column scribe	2290254-1PAK
Column Tag, engraved, two straps, pkg of 50 ea	20396
Column Tag, plain, one strap, pkg of 100 ea	20401
Drill Bits, diam. 0.35 mm, pkg of 6 ea	23811-U
Drill Bits, diam. 0.51 mm, pkg of 6 ea	23809
Ellutia 7000 Digital Volumetric/Mass Flowmeter	29597-U
Ferrule Remover	2236128-1PAK
Ferrules HP style, graphite, I.D. 0.8 mm	2235547-1PAK
Ferrules HP style, graphite, I.D. 0.5 mm, pkg of 10	2235539-1PAK
FID Cleaning Kit	2236179-1EA
Funnel and Tubing	20390-U
Fused Silica Ferrule Kit	22469
GlasSeal™ Capillary Column Connector, Borosilicate Glass, pkg of 12 ea	20479

3: Analytical Applications & Standards

Gas Chromatography (GC)

Accessories

* Name	Catalog Number
GlasSeal™ Capillary Column Connector, Fused Silica, pkg of 5 ea	23627
GlasSeal™ Capillary Column Connector, Fused Silica, pkg of 25 ea	23628
"Y" GlasSeal™ Connector, Borosilicate Glass, pkg of 1 ea	20480
"Y" GlasSeal™ Connector, Fused Silica, pkg of 1 ea	23631
"Y" GlasSeal™ Connector, Fused Silica, pkg of 3 ea	23632
Glass Wool, Pesticide Grade (Silanized), pkg of 10 g	20409
Glass Wool, Pesticide Grade (Silanized), pkg of 100 g	21688-U
Glass Wool, Silanized, pkg of 50 g	20411
Glass Wool, Silanized, pkg of 250 g	20410
Glass Wool, Phosphoric Acid Treated, pkg of 50 g	20383
Glass Wool, Non-Treated, pkg of 50 g	20384
Gold-Plated Inlet Seal (Cross Design), pkg of 2 ea	23413-U
Gold-Plated Inlet Seal (Cross Design), pkg of 10 ea	23415-U
Gold-Plated Inlet Seal (Straight Design), pkg of 2 ea	23318-U
Gold-Plated Inlet Seal (Straight Design), pkg of 10 ea	23319-U
Humonic Optiflow 520 Digital Volumetric (Bubble) Flowmeter	28679-U
Humonic Optiflow 520 Glassware Kit	28683-U
Injection Port Cleaning Kit (with Large Diameter Brushes)	Z236144-1EA
Injection Port Cleaning Kit (with Small Diameter Brushes)	Z236160-1EA
Injection Port Rethreading Die, for use with ¼ in. Varian nuts (7/16 in. threads at 24 threads/in.)	20854
Injection Port Rethreading Die, for use with ¼ in. Swagelok nuts (7/16 in. threads at 20 threads/in.)	20855
Injection Port Rethreading Die, for use with ⅜ in. Swagelok nuts (7/16 in. threads at 20 threads/in.)	20856
Manual Bubble Flowmeter (Capillary Version), magnetic clamps	23762-U
Manual Bubble Flowmeter (Capillary Version), stand included	23771
Manual Bubble Flowmeter (Large Version), size 500 mL	20414
Manual Bubble Flowmeter (Large Version), size 1000 mL	20415
Manual Bubble Flowmeter (Standard Version), flow meter volume 10 mL, pkg of 1 ea	20562
Manual Bubble Flowmeter (Standard Version), flow meter volume 25 mL, pkg of 1 ea	20431
Manual Bubble Flowmeter (Standard Version), flow meter volume 50 mL, pkg of 1 ea	20432
Manual Bubble Flowmeter (Standard Version), flow meter volume 100 mL, pkg of 1 ea	20433-U
Needle Guide	20839-U
Non-Plated Inlet Seal (Straight Design), pkg of 2 ea	23316-U
Non-Plated Inlet Seal (Straight Design), pkg of 10 ea	23317-U
Non-Plated Inlet Seal (Straight Design), pkg of 100 ea	23363-U
Packed Column Ferrule Kit	20648
Packed Column Filling Kit	22447
Packed GC FID Cleaning Kit, for use with Agilent/HP instruments	22403
Packed GC FID Cleaning Kit, for use with Varian instruments	22404
PID Lamp, Model 108, diam. 0.781 in., potential, 10.0/10.6 eV, krypton bulb gas	22626
PID Lamp, Model 108-BTEX, diam. 0.781 in., potential, 10.0/10.6 eV, krypton bulb gas	23129-U
PID Lamp, Model 103C, diam. 1.375 in., potential, 10.0/10.2/10.6 eV, krypton bulb gas	22631
Pin Vise Drill Kit	23820-U
Plastic Column Cap, for use with ¼ in. O.D. column	20436
Plastic Column Cap, for use with ⅜ in. O.D. columns	20437-U
Plastic Column Cap, for use with ¾ in. O.D. column	20438-U

* Name	Catalog Number
Plastic Column Cap, for use with ¼ in. O.D. column	20439
Polyimide Sealing Resin, pkg of 5 g	23817
4-Port Sampling and Switching Valve, fitting size 1/8 in., maximum temperature 300 °C	22914
4-Port Sampling and Switching Valve, fitting size 1/8 in., maximum temperature 175 °C	22975
4-Port Sampling and Switching Valve, fitting size 1/16 in., maximum temperature 300 °C	22941
6-Port Sampling and Switching Valve, fitting size 1/8 in., maximum temperature 300 °C	22915
6-Port Sampling and Switching Valve, fitting size 1/8 in., maximum temperature 175 °C	22977
6-Port Sampling and Switching Valve, fitting size 1/16 in., maximum temperature 300 °C	22950
6-Port Sampling and Switching Valve, fitting size 1/16 in., maximum temperature 175 °C	22976
8-Port Sampling and Switching Valve, fitting size 1/8 in., maximum temperature 300 °C	22916
10-Port Sampling and Switching Valve, fitting size 1/8 in., maximum temperature 175 °C	22981
PureCol Sleeve, for 4 mm I.D. columns, pkg of 10 ea	20540-U
PureCol Sleeve, for 4 mm I.D. columns, pkg of 50 ea	20543
PureCol Sleeve, for 2 mm I.D. columns (chamfered inlet only), pkg of 10 ea	20534
PureCol Sleeve, for 2 mm I.D. columns (chamfered inlet only), pkg of 50 ea	20536
Recorder Ink, Red	20559
Recorder Pen for Kipp & Zonen Recorders, black ink	22752-U
Recorder Pen for Linear Instruments Recorders, black ink	22774
Recorder Pen for Linear Instruments Recorders, black ink	22770-U
Recorder Pens for Houston Instruments Recorders, red ink	22938
Recorder Pens for Houston Instruments Recorders, blue ink	22939
Replacement 1000 mL Glass Flow Tube	20428-U
Replacement 500 mL Glass Flow Tube	20427-U
O-ring for Packed Column, <FRAC Type="regular">1/4</FRAC> in. Column O.D., pkg of 100 ea, I.D. 1/4</FRAC> in., <FRAC Type="regular">1/4</FRAC> in. O.D. Column	20407
Sample Loop for Gas Sampling, loop volume 5.0 mL, fitting size 1/8 in., number of ports, 10	22651
Sample Loop for Gas Sampling, loop volume 5.0 mL, fitting size 1/8 in., number of ports, 6	22635
Sample Loop for Gas Sampling, loop volume 0.5 mL, fitting size 1/8 in., number of ports, 6	22633
Sample Loop for Gas Sampling, loop volume 0.25 mL, fitting size 1/16 in., number of ports, 6	22628
Septum Pick	Z236136-1EA
Septum Puller, hook design	20352
Septum Puller, screw design	20353
SFE restrictor 1m x 25µm id	57381
Shortix™ Tubing Cutter	21386-U
Stainless Steel Graphite Ferrules	23311
Stainless Steel Screening, pkg of 1 ea	22327
Supelco Ferrule Nut Adapter (fits Agilent injectors and non-MS detectors), hexagonal wrenchtight version, pkg of 2 ea	22470-U
Supelco Ferrule Nut Adapter (fits Agilent injectors and non-MS detectors), knurled fingertight version, pkg of 2 ea	22509
Supelco Ferrule Nut Adapter (fits Agilent MS detectors), knurled fingertight version, pkg of 2 ea	22517
Supelco Packed GC Septum Nut	22399
Supeltex® M-1 Capillary Ferrule, General Purpose, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 10 ea	22499

Gas Chromatography (GC)

Accessories

* Name	Catalog Number
Supeltex® M-4 Capillary Ferrule, General Purpose, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 10 ea	22498
Supeltex® M-4 Capillary Ferrule, General Purpose, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 50 ea	22480-U
Supeltex® M-4 Capillary Ferrule, General Purpose, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 10 ea	22462
Supeltex® M-4 Capillary Ferrule, General Purpose, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 50 ea	22412
Supeltex® M-4 Capillary Ferrule, General Purpose, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 10 ea	20628
Supeltex® M-4 Capillary Ferrule, General Purpose, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 50 ea	22479
Supeltex® M-4 Capillary Ferrule, General Purpose, I.D. 1.0 mm, 0.75 mm Column I.D., pkg of 10 ea	22494
Supeltex® M-4 Capillary Ferrule, General Purpose, I.D. 1.2 mm, 0.50-0.75 mm Column I.D., pkg of 10 ea	22460
Supeltex® M-2A Capillary Ferrule, General Purpose, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 10 ea	503258
Supeltex® M-2A Capillary Ferrule, General Purpose, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 50 ea	22474
Supeltex® M-2A Capillary Ferrule, General Purpose, I.D. 0.4 mm, 0.10-0.25 mm Column I.D. (2-hole), pkg of 5 ea	22467
Supeltex® M-2A Capillary Ferrule, General Purpose, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 10 ea	22461
Supeltex® M-2A Capillary Ferrule, General Purpose, I.D. 0.5 mm, 0.32 mm Column I.D. (2-hole), pkg of 5 ea	22463
Supeltex® M-2A Capillary Ferrule, General Purpose, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 10 ea	22489
Supeltex® M-2A Capillary Ferrule, General Purpose, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 50 ea	22473
Supeltex® M-2A Capillary Ferrule, General Purpose, I.D. 1.2 mm, 0.50-0.75 mm Column I.D., pkg of 10 ea	22459
Supeltex® M-2A Capillary Ferrule, General Purpose, Indented blank (drill to fit your column), pkg of 10 ea	22488
Supeltex® M-4 Capillary Ferrule, Long Design, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 10 ea	28025-U
Supeltex® M-4 Capillary Ferrule, Long Design, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 50 ea	28028-U
Supeltex® M-4 Capillary Ferrule, Long Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 10 ea	28026-U
Supeltex® M-4 Capillary Ferrule, Long Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 50 ea	28031-U
Supeltex® M-4 Capillary Ferrule, Long Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 10 ea	28027-U
Supeltex® M-4 Capillary Ferrule, Long Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 50 ea	28032-U
Supeltex® M-2A Capillary Ferrule, Long Design, Long Design, I.D. 0.4 mm, pkg of 10 ea	24826-U
Supeltex® M-2A Capillary Ferrule, Long Design, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 50 ea	28022-U
Supeltex® M-2A Capillary Ferrule, Long Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 10 ea	24824-U
Supeltex® M-2A Capillary Ferrule, Long Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 50 ea	28023-U
Supeltex® M-2A Capillary Ferrule, Long Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 10 ea	24823-U
Supeltex® M-2A Capillary Ferrule, Long Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 50 ea	28024-U
Supeltex® M-2B Capillary Ferrule, Long Design, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 10 ea	22510-U
Supeltex® M-2B Capillary Ferrule, Long Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 10 ea	22511
Supeltex® M-2B Capillary Ferrule, Long Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 10 ea	22512
Supeltex® M-4 Capillary Ferrule, Short Design, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 10 ea	24811-U
Supeltex® M-4 Capillary Ferrule, Short Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 10 ea	24809-U
Supeltex® M-4 Capillary Ferrule, Short Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 50 ea	24813-U

* Name	Catalog Number
Supeltex® M-4 Capillary Ferrule, Short Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 10 ea	24808-U
Supeltex® M-4 Capillary Ferrule, Short Design, pkg of 50 ea, I.D. 0.8 mm, 0.53 mm Column I.D.	24812-U
Supeltex® M-2A Capillary Ferrule, Short Design, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 10 ea	24803-U
Supeltex® M-2A Capillary Ferrule, Short Design, I.D. 0.4 mm, 0.10-0.25 mm Column I.D., pkg of 50 ea	24807-U
Supeltex® M-2A Capillary Ferrule, Short Design, I.D. 0.5 mm, 0.32 mm Column I.D., pkg of 50 ea	24806-U
Supeltex® M-2A Capillary Ferrule, Short Design, ferrule type, short, 0.53 mm Column I.D., pkg of 10 ea	24801-U
Supeltex® M-2A Capillary Ferrule, Short Design, I.D. 0.8 mm, 0.53 mm Column I.D., pkg of 50 ea	24804-U
Supeltex® M-2 Double-Tapered Ferrule, I.D. 0.25 mm, 0.10 mm to like I.D. column, pkg of 2 ea	22585
Supeltex® M-2 Double-Tapered Ferrule, I.D. 0.4 mm, 0.10-0.25 mm to like I.D. column, pkg of 2 ea	23797
Supeltex® M-2 Double-Tapered Ferrule, I.D. 0.5 mm, 0.32 mm to like I.D. column, pkg of 2 ea	22464
Supeltex® M-2 Double-Tapered Ferrule, I.D. 0.8 mm, 0.53 mm to like I.D. column, pkg of 2 ea	22590-U
Supeltex® M-2 Double-Tapered Ferrule, I.D. 0.4-0.8 mm, 0.10-0.25 mm I.D. to 0.53 mm I.D. column (reducing), pkg of 2 ea	22465
Supeltex® M-2 Double-Tapered Ferrule, I.D. 0.5-0.8 mm, 0.32 mm I.D. to 0.53 mm I.D. column, pkg of 2 ea	22596
Supeltex® M-2 Double-Tapered Ferrule, I.D. 0.5-1.2 mm, 0.32 mm I.D. to 0.75 mm I.D. Column, pkg of 2 ea	22466
Supeltex® M-2B Double-Tapered Ferrule, I.D. 0.4 mm, 0.10-0.25 mm to like I.D. Column, pkg of 2 ea	22453
Supeltex® M-2B Double-Tapered Ferrule, 0.32 mm to like I.D. Column, pkg of 2 ea, I.D. 0.5 mm	22454
Supeltex® M-2B Double-Tapered Ferrule, I.D. 0.8 mm, 0.53 mm to like I.D. Column, pkg of 2 ea	22591
Supeltex® M-2B Double-Tapered Ferrule, I.D. 0.4-0.8 mm, 0.10-0.25 mm I.D. to 0.53 mm I.D. Column, pkg of 2 ea	22455-U
Supeltex® M-2B Double-Tapered Ferrule, I.D. 0.5-0.8 mm, 0.32 mm I.D. to 0.53 mm I.D. Column, pkg of 2 ea	22586
Supeltex® M-2B Double-Tapered Ferrule, I.D. 0.5-1.2 mm, 0.32 mm I.D. to 0.75 mm I.D. Column, pkg of 2 ea	22456
Supeltex® M-1 Ferrule, pkg of 10 ea	22311
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-4 Reducing Ferrule, I.D. x O.D. 0.58#160;mm x 1/8</FRAC> in., 0.32 mm I.D. Column in <FRAC Type="regular"> 1/8 </FRAC> in. fitting, pkg of 2 ea	22458
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-4 Reducing Ferrule, I.D. x O.D. 0.58#160;mm x 1/4</FRAC> in., 0.32mm I.D. Column in <FRAC Type="regular"> 1/4 </FRAC> in. fitting, pkg of 2 ea	22457
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-1 Packed Column Ferrule, <FRAC Type="regular">1/4</FRAC> in. Column O.D., I.D. 1/4</FRAC> in., <FRAC Type="regular"> 1/4 </FRAC> in. O.D. Column, pkg of 10 ea	22086-U
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-1 Packed Column Ferrule, <FRAC Type="regular">1/4</FRAC> in. Column O.D., I.D. 1/4</FRAC> in., <FRAC Type="regular"> 1/4 </FRAC> in. O.D. Column, pkg of 100 ea	22087-U
Supeltex® M-1 Packed Column Ferrule, 1/8 in. Column O.D., 1/8 in. O.D. Column, pkg of 10 ea	22496
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-1 Packed Column Ferrule, <FRAC Type="regular">1/8</FRAC> in. Column O.D., I.D. 1/8</FRAC> in., <FRAC Type="regular"> 1/8 </FRAC> in. O.D. Column, pkg of 100 ea	22309

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Gas Chromatography (GC)

Accessories

* Name	Catalog Number
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-1 Packed Column Ferrule, <FRAC Type="regular">1/16</FRAC> in. Column O.D., I.D. 1/16</FRAC> in., <FRAC Type="regular"> 1/16</FRAC> in. O.D. Column, pkg of 10 ea	23886
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-1 Packed Column Ferrule, <FRAC Type="regular">1/16</FRAC> in. Column O.D., I.D. 1/16</FRAC> in., <FRAC Type="regular"> 1/16</FRAC> in. O.D. Column, pkg of 200 × ea	23862-U
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2 Packed Column Ferrule, <FRAC Type="regular">1/4</FRAC> in. Column O.D., I.D. 1/4</FRAC> in., <FRAC Type="regular"> 1/4</FRAC> in. O.D. Column, pkg of 10 ea	22320-U
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2 Packed Column Ferrule, <FRAC Type="regular">1/4</FRAC> in. Column O.D., I.D. 1/4</FRAC> in., <FRAC Type="regular"> 1/4</FRAC> in. O.D. Column, pkg of 50 ea	22475
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2 Packed Column Ferrule, <FRAC Type="regular">1/8</FRAC> in. Column O.D., I.D. 1/8</FRAC> in., <FRAC Type="regular"> 1/8</FRAC> in. O.D. Column, pkg of 10 ea	22321
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2 Packed Column Ferrule, <FRAC Type="regular">1/8</FRAC> in. Column O.D., I.D. 1/8</FRAC> in., <FRAC Type="regular"> 1/8</FRAC> in. O.D. Column, pkg of 50 ea	22476
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2 Packed Column Ferrule, <FRAC Type="regular">1/16</FRAC> in. Column O.D., I.D. 1/16</FRAC> in., <FRAC Type="regular"> 1/16</FRAC> in. O.D. Column, pkg of 10 ea	20644-U
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-4 Packed Column Ferrule, <FRAC Type="regular">1/4</FRAC> in. Column O.D., I.D. 1/4</FRAC> in., <FRAC Type="regular"> 1/4</FRAC> in. O.D. Column, pkg of 10 ea	22492
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-4 Packed Column Ferrule, <FRAC Type="regular">1/4</FRAC> in. Column O.D., I.D. 1/4</FRAC> in., <FRAC Type="regular"> 1/4</FRAC> in. O.D. Column, pkg of 50 ea	22478
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-4 Packed Column Ferrule, <FRAC Type="regular">1/8</FRAC> in. Column O.D., I.D. 1/8</FRAC> in., <FRAC Type="regular"> 1/8</FRAC> in. O.D. Column, pkg of 10 ea	22491
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-4 Packed Column Ferrule, <FRAC Type="regular">1/16</FRAC> in. Column O.D., I.D. 1/16</FRAC> in., <FRAC Type="regular"> 1/16</FRAC> in. O.D. column, pkg of 10 ea	22495-U
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2A Packed Column Ferrule, <FRAC Type="regular">1/4</FRAC> in. Column O.D., I.D. 1/4</FRAC> in., <FRAC Type="regular"> 1/4</FRAC> in. O.D. Column, pkg of 10 ea	22481
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2A Packed Column Ferrule, <FRAC Type="regular">1/4</FRAC> in. Column O.D., I.D. 1/4</FRAC> in., <FRAC Type="regular"> 1/4</FRAC> in. O.D. Column, pkg of 50 ea	22471
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2A Packed Column Ferrule, <FRAC Type="regular">1/8</FRAC> in. Column O.D., I.D. 1/8</FRAC> in., <FRAC Type="regular"> 1/8</FRAC> in. O.D. Column, pkg of 10 ea	22483-U
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2A Packed Column Ferrule, <FRAC Type="regular">1/8</FRAC> in. Column O.D., I.D. 1/8</FRAC> in., <FRAC Type="regular"> 1/8</FRAC> in. O.D. Column, pkg of 50 ea	22472
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2A Packed Column Ferrule, <FRAC Type="regular">1/16</FRAC> in. Column O.D., I.D. 1/16</FRAC> in., <FRAC Type="regular"> 1/16</FRAC> in. O.D. column, pkg of 10 ea	22487-U

* Name	Catalog Number
Supeltex® M-1 Packed Column Ferrule, 6 mm Column O.D., I.D. 6.0 mm, 6 mm O.D. Column, pkg of 10 ea	22089-U
Supeltex® M-4 Packed Column Ferrule, 6 mm Column O.D., 6 mm O.D. Column, I.D. 6.0 mm, pkg of 10 ea	22493
Supeltex® M-2A Packed Column Ferrule, 6 mm Column O.D., I.D. 6.0 mm, 6 mm O.D. Column, pkg of 10 ea	22393
Supeltex® M-2A Packed Column Ferrule, 6 mm Column O.D., I.D. 6.0 mm, 6mm O.D. Column, pkg of 100 ea	22196-U
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2A Reducing Ferrule, I.D. × O.D. 1/16</FRAC> in. × 1/8</FRAC> in., <FRAC Type="regular"> 1/16</FRAC> in. O.D. Column in <FRAC Type="regular"> 1/8</FRAC> in. fitting, pkg of 10 ea	22484-U
Supeltex<REFERENCE ID="1646" TYPE="trademark"/> M-2A Reducing Ferrule, I.D. × O.D. 1/16</FRAC> in. × 1/4</FRAC> in., <FRAC Type="regular"> 1/16</FRAC> in. O.D. Column in <FRAC Type="regular"> 1/4</FRAC> in. fitting, pkg of 10 ea	22486
Therm-O-Ring™ Inlet Liner O-Ring, I.D. 0.250 in., pkg of 10 ea	21003-U
Therm-O-Ring™ Inlet Liner O-Ring, I.D. 0.250 in., pkg of 25 ea	21004-U
Tubing Reamer	20389
Wide Bore Fused Silica Capillary Ferrule Kit	22468

Adsorbents

* Name	Catalog Number
Activated charcoal, puriss. p.a., powder	31616-250G 31616-6X250G 31616-750G 31616-4X750G 31616-20KG
Activated charcoal, for the determination of AOX, 50-150 µm particle size	80485-25G
Activated Charcoal Norit®, Norit RBAA-3, rod	29238-1KG
Carbon Adsorbent Sampler Kit, matrix CMS/SGPC Kit I	13028-U
Carbon Adsorbent Sampler Kit, matrix CMS/SGPC Kit II	13369-U
Carbon Adsorbent Sampler Kit, matrix SGPC Kit	13384-U
Carbon Adsorbent Sampler Kit, matrix 20/40 GCB Kit	13027-U
Carbon Adsorbent Sampler Kit, matrix 60/80 GCB Kit	13026-U
Carbopack™ Adsorbent, matrix Carbopack™ B, 60-80 mesh, bottle of 10 g	20273
Carbopack™ Adsorbent, matrix Carbopack™ C, 60-80 mesh, bottle of 10 g	10257
Carbopack™ Adsorbent, matrix Carbopack™ C, 80-100 mesh, bottle of 10 g	10258
Carbopack™ Adsorbent, matrix Carbopack™ X, 40-60 mesh, bottle of 10 g	10436
Carbopack™ Adsorbent, matrix Carbopack™ X, 60-80 mesh, bottle of 10 g	10437-U
Carbopack™ Adsorbent, matrix Carbopack™ X, 120-400 mesh, bottle of 50 g	10439-U
Carbopack™ Adsorbent, matrix Carbopack™ Y, 40-60 mesh, bottle of 10 g	10461-U
Carbopack™ Adsorbent, matrix Carbopack™ Y, 60-80 mesh, bottle of 10 g	10462
Carbopack™ Adsorbent, matrix Carbopack™ Y, 120-400 mesh, bottle of 50 g	10464-U
Carbopack™ Adsorbent, matrix Carbopack™ Z, 60-80 mesh, bottle of 10 g	11051-U
Carbosieve® Adsorbent, matrix Carbosieve® G, 45-60 mesh, bottle of 5 g	10197
Carbosieve® Adsorbent, matrix Carbosieve® G, 60-80 mesh, bottle of 5 g	10198
Carbosieve® Adsorbent, matrix Carbosieve® G, 80-100 mesh, bottle of 5 g	10199

Gas Chromatography (GC)

Adsorbents

* Name	Catalog Number
Carbosieve® Adsorbent, matrix Carbosieve® S-II, 60-80 mesh, bottle of 10 g	10189
Carbosieve® Adsorbent, matrix Carbosieve® S-II, 80-100 mesh, bottle of 10 g	10190-U
Carbosieve® Adsorbent, matrix Carbosieve® S-III, 60-80 mesh, bottle of 10 g	10184
Carbotrap® Adsorbent, matrix Carbotrap® B, 20-40 mesh, bottle of 10 g	20287
Carbotrap® Adsorbent, matrix Carbotrap® B, 20-40 mesh, pack of 144 x 190 mg	11325-U
Carbotrap® Adsorbent, matrix Carbotrap® C, 20-40 mesh, bottle of 10 g	20309
Carbotrap® Adsorbent, matrix Carbotrap® X, 20-40 mesh, bottle of 10 g	10435-U
Carbotrap® Adsorbent, matrix Carbotrap® Y, 20-40 mesh, bottle of 10 g	10460-U
Carboxen® Adsorbent, matrix Carboxen® 563, 20-45 mesh, bottle of 10 g	10263
Carboxen® Adsorbent, matrix Carboxen® 564, 20-45 mesh, bottle of 10 g	10264
Carboxen® Adsorbent, matrix Carboxen® 564, 20-45 mesh, pack of 144 x 290 mg	11324-U
Carboxen® Adsorbent, matrix Carboxen® 569, 20-45 mesh, bottle of 10 g	10269
Carboxen® Adsorbent, matrix Carboxen® 572, 20-45 mesh, bottle of 10 g	11072-U
Carboxen® Adsorbent, matrix Carboxen® 1000, 40-60 mesh, bottle of 50 g	10477-U
Carboxen® Adsorbent, matrix Carboxen® 1000, 60-80 mesh, bottle of 10 g	10478-U
Carboxen® Adsorbent, matrix Carboxen® 1003, 40-60 mesh, bottle of 10 g	10471
General Purpose Adsorbent, matrix Activated Cocounut Charcoal, 20-40 mesh, bottle of 10 g	10275
Graphsphere™ Adsorbent, matrix Graphsphere™ 2016, 60-80 mesh, bottle of 10 g	11021-U
HayeSep® Porous Polymer Adsorbent, matrix HayeSep A, 60-80 mesh, bottle of 75 cc	10282
HayeSep® Porous Polymer Adsorbent, matrix HayeSep A, 80-100 mesh, bottle of 75 cc	10283
HayeSep® Porous Polymer Adsorbent, matrix HayeSep A, 100-120 mesh, bottle of 75 cc	10284
HayeSep® Porous Polymer Adsorbent, matrix HayeSep B, 80-100 mesh, bottle of 75 cc	10286
HayeSep® Porous Polymer Adsorbent, matrix HayeSep C, 60-80 mesh, bottle of 75 cc	10288
HayeSep® Porous Polymer Adsorbent, matrix HayeSep C, 80-100 mesh, bottle of 75 cc	10289
HayeSep® Porous Polymer Adsorbent, matrix HayeSep C, 100-120 mesh, bottle of 75 cc	10290
HayeSep® Porous Polymer Adsorbent, matrix HayeSep D, 60-80 mesh, bottle of 75 cc	10291
HayeSep® Porous Polymer Adsorbent, matrix HayeSep D, 80-100 mesh, bottle of 75 cc	10292
HayeSep® Porous Polymer Adsorbent, matrix HayeSep D, 100-120 mesh, bottle of 75 cc	10293
HayeSep® Porous Polymer Adsorbent, matrix HayeSep DB, 80-100 mesh, bottle of 75 cc	10280-U
HayeSep® Porous Polymer Adsorbent, matrix HayeSep DB, 100-120 mesh, bottle of 75 cc	10281-U
HayeSep® Porous Polymer Adsorbent, matrix HayeSep N, 60-80 mesh, bottle of 75 cc	10294
HayeSep® Porous Polymer Adsorbent, matrix HayeSep N, 80-100 mesh, bottle of 75 cc	10295
HayeSep® Porous Polymer Adsorbent, matrix HayeSep N, 100-120 mesh, bottle of 75 cc	10296
HayeSep® Porous Polymer Adsorbent, matrix HayeSep P, 60-80 mesh, bottle of 75 cc	10297
HayeSep® Porous Polymer Adsorbent, matrix HayeSep P, 80-100 mesh, bottle of 75 cc	10298

* Name	Catalog Number
HayeSep® Porous Polymer Adsorbent, matrix HayeSep Q, 60-80 mesh, bottle of 75 cc	10300-U
HayeSep® Porous Polymer Adsorbent, matrix HayeSep Q, 80-100 mesh, bottle of 75 cc	10301-U
HayeSep® Porous Polymer Adsorbent, matrix HayeSep Q, 100-120 mesh, bottle of 75 cc	10302-U
HayeSep® Porous Polymer Adsorbent, matrix HayeSep R, 60-80 mesh, bottle of 75 cc	10303
HayeSep® Porous Polymer Adsorbent, matrix HayeSep R, 80-100 mesh, bottle of 75 cc	10304
HayeSep® Porous Polymer Adsorbent, matrix HayeSep R, 100-120 mesh, bottle of 75 cc	10305-U
HayeSep® Porous Polymer Adsorbent, matrix HayeSep S, 60-80 mesh, bottle of 75 cc	10306
HayeSep® Porous Polymer Adsorbent, matrix HayeSep S, 80-100 mesh, bottle of 75 cc	10307
HayeSep® Porous Polymer Adsorbent, matrix HayeSep T, 60-80 mesh, bottle of 75 cc	10309
HayeSep® Porous Polymer Adsorbent, matrix HayeSep T, 80-100 mesh, bottle of 75 cc	10310
HayeSep® Porous Polymer Adsorbent, matrix HayeSep T, 100-120 mesh, bottle of 75 cc	10311
Molecular Sieve Adsorbent, matrix Molecular Sieve 5A, 30-40 mesh, bottle of 50 g	20300
Molecular Sieve Adsorbent, matrix Molecular Sieve 5A, 45-60 mesh, bottle of 50 g	20301
Molecular Sieve Adsorbent, matrix Molecular Sieve 5A, 60-80 mesh, bottle of 50 g	20302
Molecular Sieve Adsorbent, matrix Molecular Sieve 13X, 45-60 mesh, bottle of 50 g	20304
Molecular Sieve Adsorbent, matrix Molecular Sieve 13X, 60-80 mesh, bottle of 50 g	20305
Molecular Sieve Adsorbent, matrix Molecular Sieve 13X, 100-120 mesh, bottle of 50 g	20307
Molecular Sieve 5A Water Vapor Trap Refill, volume ~460 cc	20298
Porapak™ Porous Polymer Adsorbent, matrix Porapak N, 50-80 mesh, bottle of 75 cc	20324
Porapak™ Porous Polymer Adsorbent, matrix Porapak N, 80-100 mesh, bottle of 75 cc	20325
Porapak™ Porous Polymer Adsorbent, matrix Porapak N, 100-120 mesh, bottle of 75 cc	20326
Porapak™ Porous Polymer Adsorbent, matrix Porapak P, 50-80 mesh, bottle of 75 cc	20327
Porapak™ Porous Polymer Adsorbent, matrix Porapak P, 80-100 mesh, bottle of 75 cc	20328
Porapak™ Porous Polymer Adsorbent, matrix Porapak P, 100-120 mesh, bottle of 75 cc	20329
Porapak™ Porous Polymer Adsorbent, matrix Porapak PS, 80-100 mesh, bottle of 75 cc	20346
Porapak™ Porous Polymer Adsorbent, matrix Porapak Q, 50-80 mesh, bottle of 75 cc	20330-U
Porapak™ Porous Polymer Adsorbent, matrix Porapak Q, 80-100 mesh, bottle of 75 cc	20331
Porapak™ Porous Polymer Adsorbent, matrix Porapak Q, 100-120 mesh, bottle of 75 cc	20332
Porapak™ Porous Polymer Adsorbent, matrix Porapak QS, 50-80 mesh, bottle of 75 cc	20342
Porapak™ Porous Polymer Adsorbent, matrix Porapak QS, 80-100 mesh, bottle of 75 cc	20343
Porapak™ Porous Polymer Adsorbent, matrix Porapak QS, 100-120 mesh, bottle of 75 cc	20344
Porapak™ Porous Polymer Adsorbent, matrix Porapak R, 50-80 mesh, bottle of 75 cc	20333
Porapak™ Porous Polymer Adsorbent, matrix Porapak R, 80-100 mesh, bottle of 75 cc	20334
Porapak™ Porous Polymer Adsorbent, matrix Porapak R, 100-120 mesh, bottle of 75 cc	20335
Porapak™ Porous Polymer Adsorbent, matrix Porapak S, 80-100 mesh, bottle of 75 cc	20337

3: Analytical Applications & Standards

Gas Chromatography (GC)

Adsorbents

* Name	Catalog Number
Porapak™ Porous Polymer Adsorbent, matrix Porapak S, 100-120 mesh, bottle of 75 cc	20338
Porapak™ Porous Polymer Adsorbent, matrix Porapak T, 50-80 mesh, bottle of 75 cc	20339
Porapak™ Porous Polymer Adsorbent, matrix Porapak T, 80-100 mesh, bottle of 75 cc	20340
Tenax® Porous Polymer Adsorbent, matrix Tenax TA, 60-80 mesh, bottle of 10 g	11982
Tenax® Porous Polymer Adsorbent, matrix Tenax TA (refined), 60-80 mesh, bottle of 100 g	12168-U
Tenax® Porous Polymer Adsorbent, matrix Tenax TA, 80-100 mesh, bottle of 10 g	21009-U

Capillary

* Name	Catalog Number
Alumina Chloride PLOT Capillary GC Column, L × I.D. 30 m × 0.32 mm, average thickness 5 µm	28326-U
Alumina Sulfate PLOT Capillary GC Column, L × I.D. 30 m × 0.32 mm, average thickness 5 µm	28321-U
Alumina Sulfate PLOT Capillary GC Column, L × I.D. 50 m × 0.32 mm, average thickness 5 µm	28322-U
Alumina Sulfate PLOT Capillary GC Column, L × I.D. 30 m × 0.53 mm, average thickness 5 µm	28323-U
Alumina Sulfate PLOT Capillary GC Column, L × I.D. 50 m × 0.53 mm, average thickness 10 µm	28324-U
Astec® CHIRALDEX® G-BP Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	75033AST
Astec® CHIRALDEX® A-DA Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	72003AST
Astec® CHIRALDEX® B-DA Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	72023AST
Astec® CHIRALDEX® G-DA Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	72033AST
Astec® CHIRALDEX® B-DM Capillary GC Column, L × I.D. 20 m × 0.25 mm, d _f 0.12 µm	77022AST
Astec® CHIRALDEX® B-DM Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	77023AST
Astec® CHIRALDEX® B-DM Capillary GC Column, L × I.D. 40 m × 0.25 mm, d _f 0.12 µm	77024AST
Astec® CHIRALDEX® B-DM Capillary GC Column, L × I.D. 50 m × 0.25 mm, d _f 0.12 µm	77025AST
Astec® CHIRALDEX® G-DM Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	77033AST
Astec® CHIRALDEX® B-DP Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	78023AST
Astec® CHIRALDEX® G-DP Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	78033AST
Astec® CHIRALDEX® GC Column Screening Kit, L × I.D. 30 m × 0.25 mm, pkg of 1 kit	71030AST
Astec® CHIRALDEX® B-PH Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	71023AST
Astec® CHIRALDEX® B-PM Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	76023AST
Astec® CHIRALDEX® B-PM Capillary GC Column, L × I.D. 50 m × 0.25 mm, d _f 0.12 µm	76025AST
Astec® CHIRALDEX® G-PN Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	74033AST
Astec® CHIRALDEX® A-TA Capillary GC Column, L × I.D. 20 m × 0.25 mm, d _f 0.12 µm	73002AST
Astec® CHIRALDEX® A-TA Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	73003AST
Astec® CHIRALDEX® B-TA Capillary GC Column, L × I.D. 40 m × 0.25 mm, d _f 0.12 µm	73004AST
Astec® CHIRALDEX® A-TA Capillary GC Column, L × I.D. 50 m × 0.25 mm, d _f 0.12 µm	73005AST
Astec® CHIRALDEX® B-TA Capillary GC Column, L × I.D. 20 m × 0.25 mm, d _f 0.12 µm	73022AST

* Name	Catalog Number
Astec® CHIRALDEX® B-TA Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	73023AST
Astec® CHIRALDEX® B-TA Capillary GC Column, L × I.D. 40 m × 0.25 mm, d _f 0.12 µm	73024AST
Astec® CHIRALDEX® G-TA Capillary GC Column, L × I.D. 10 m × 0.25 mm, d _f 0.12 µm	73031AST
Astec® CHIRALDEX® G-TA Capillary GC Column, L × I.D. 20 m × 0.25 mm, d _f 0.12 µm	73032AST
Astec® CHIRALDEX® G-TA Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.12 µm	73033AST
Astec® CHIRALDEX® G-TA Capillary GC Column, L × I.D. 40 m × 0.25 mm, d _f 0.12 µm	73034AST
Astec® CHIRALDEX® G-TA Capillary GC Column, L × I.D. 50 m × 0.25 mm, d _f 0.12 µm	73035AST
Carbowax® Amine Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 1.00 µm	25352
Carbowax® Amine Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.00 µm	25353
Carbowax® Amine Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 1.00 µm	25354
Carboxen®-1006 PLOT Capillary GC Column, L × I.D. 30 m × 0.32 mm, average thickness 15 µm	24241-U
Carboxen®-1006 PLOT Capillary GC Column, L × I.D. 30 m × 0.53 mm, average thickness 30 µm	25461
Carboxen®-1010 PLOT Capillary GC Column, L × I.D. 30 m × 0.53 mm, average thickness 30 µm	25467
β-DEX™ 110, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24301
β-DEX™ 110, L × I.D. 60 m × 0.25 mm, d _f 0.25 µm	24302
α-DEX™ 120, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24310
β-DEX™ 120, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24304
β-DEX™ 120, L × I.D. 60 m × 0.25 mm, d _f 0.25 µm	24305-U
γ-DEX™ 120, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24307
α-DEX™ 225, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24311
β-DEX™ 225, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24348
γ-DEX™ 225, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24312
β-DEX™ 325, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24308
γ-DEX™ 325, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24306
Equity®-1701 Capillary GC Column, L × I.D. 15 m × 0.10 mm, d _f 0.10 µm	28343-U
Equity®-1701 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 0.25 µm	28371-U
Equity®-1701 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	28372-U
Equity®-1701 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.25 µm	28373-U
Equity®-1701 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 1.00 µm	28374-U
Equity®-1701 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 1.00 µm	28378-U
Equity®-1701 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 1.00 µm	28379-U
Equity®-1701 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 µm	28382-U
Equity®-1701 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.25 µm	28384-U
Equity®-1701 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 1.00 µm	28387-U
Equity®-1701 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 1.00 µm	28388-U
Equity®-1701 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 µm	28391-U
Equity®-1701 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.00 µm	28394-U
Equity®-1 Capillary GC Column, L × I.D. 15 m × 0.10 mm, d _f 0.10 µm	28039-U
Equity®-1 Capillary GC Column, L × I.D. 12 m × 0.20 mm, d _f 0.33 µm	28041-U

Gas Chromatography (GC)

Capillary

* Name	Catalog Number
Equity®-1 Capillary GC Column, L × I.D. 10 m × 0.20 mm, d _f 1.20 μm	28043-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.10 μm	28044-U
Equity®-1 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 0.25 μm	28045-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	28046-U
Equity®-1 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.25 μm	28047-U
Equity®-1 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 1.00 μm	28048-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 1.00 μm	28049-U
Equity®-1 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 1.00 μm	28050-U
Equity®-1 Capillary GC Column, L × I.D. 100 m × 0.25 mm, d _f 1.00 μm	28052-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.10 μm	28053-U
Equity®-1 Capillary GC Column, L × I.D. 15 m × 0.32 mm, d _f 0.25 μm	28054-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 μm	28055-U
Equity®-1 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.25 μm	28056-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 1.00 μm	28057-U
Equity®-1 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 1.00 μm	28058-U
Equity®-1 Capillary GC Column, L × I.D. 100 m × 0.32 mm, d _f 1.00 μm	28060-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 2.00 μm	28061-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 5.00 μm	28062-U
Equity®-1 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 5.00 μm	28063-U
Equity®-1 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 0.10 μm	28064-U
Equity®-1 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 0.50 μm	28067-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 μm	28068-U
Equity®-1 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 1.00 μm	28069-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.00 μm	28071-U
Equity®-1 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 1.50 μm	28072-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.50 μm	28073-U
Equity®-1 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 3.00 μm	28075-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 3.00 μm	28076-U
Equity®-1 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 3.00 μm	28077-U
Equity®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 5.00 μm	28081-U
Equity®-1 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 5.00 μm	28082-U
Equity®-5 Capillary GC Column, L × I.D. 15 m × 0.10 mm, d _f 0.10 μm	28083-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.20 mm, d _f 0.20 μm	28085-U
Equity®-5 Capillary GC Column, L × I.D. 60 m × 0.20 mm, d _f 0.20 μm	28086-U
Equity®-5 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 0.25 μm	28088-U

* Name	Catalog Number
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	28089-U
Equity®-5 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.25 μm	28090-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.50 μm	28092-U
Equity®-5 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 1.00 μm	28093-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 1.00 μm	28094-U
Equity®-5 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 1.00 μm	28095-U
Equity®-5 Capillary GC Column, L × I.D. 15 m × 0.32 mm, d _f 0.25 μm	28096-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 μm	28097-U
Equity®-5 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.25 μm	28098-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.32 μm	28099-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.50 μm	28195-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 1.00 μm	28199-U
Equity®-5 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 1.00 μm	28251-U
Equity®-5 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 0.50 μm	28252-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 μm	28259-U
Equity®-5 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 0.50 μm	28263-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.50 μm	28267-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 3.00 μm	28268-U
Equity®-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 5.00 μm	28279-U
Equity®-5 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 5.00 μm	28293-U
HT-5 (aluminum clad) Capillary GC Column, L × I.D. 12 m × 0.32 mm, d _f 0.10 μm	25002
HT-5 (aluminum clad) Capillary GC Column, L × I.D. 25 m × 0.32 mm, d _f 0.10 μm	25003
HT-5 (aluminum clad) Capillary GC Column, L × I.D. 6.0 m × 0.53 mm, d _f 0.10 μm	25004
HT-5 (aluminum clad) Capillary GC Column, L × I.D. 12 m × 0.53 mm, d _f 0.15 μm	25005-U
Intermediate Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.10 mm	25745-U
Intermediate Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.20 mm	25746
Intermediate Polar Fused Silica Tubing, L × I.D. 3.0 m × 0.25 mm	25727
Intermediate Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.25 mm	25747
Intermediate Polar Fused Silica Tubing, L × I.D. 15 m × 0.25 mm	25760-U
Intermediate Polar Fused Silica Tubing, L × I.D. 60 m × 0.25 mm	25787
Intermediate Polar Fused Silica Tubing, L × I.D. 1 m × 0.32 mm	25708
Intermediate Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.32 mm	25748-U
Intermediate Polar Fused Silica Tubing, L × I.D. 15 m × 0.32 mm	25761
Intermediate Polar Fused Silica Tubing, L × I.D. 30 m × 0.32 mm	25774
Intermediate Polar Fused Silica Tubing, L × I.D. 1 m × 0.53 mm	25709

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Gas Chromatography (GC)

Capillary

* Name	Catalog Number
Intermediate Polar Fused Silica Tubing, L × I.D. 3.0 m × 0.53 mm	25729
Intermediate Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.53 mm	25339
Intermediate Polar Fused Silica Tubing, L × I.D. 15 m × 0.53 mm	25762
Intermediate Polar Fused Silica Tubing, L × I.D. 30 m × 0.53 mm	25775-U
MET-Biodiesel Capillary GC Column, L × I.D. 14 m × 0.53 mm, plus integrated 2m × 0.53 mm I.D. guard, d _f 0.16 µm, Beta value 828	28668-U
Mol Sieve 5A PLOT Capillary GC Column, L × I.D. 30 m × 0.32 mm, average thickness 15 µm	24243
Mol Sieve 5A PLOT Capillary GC Column, L × I.D. 30 m × 0.53 mm, average thickness 30 µm	25463
Non-Polar Fused Silica Tubing, L × I.D. 1 m × 0.10 mm	25704
Non-Polar Fused Silica Tubing, L × I.D. 3.0 m × 0.10 mm	25720-U
Non-Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.10 mm	25740-U
Non-Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.20 mm	25741
Non-Polar Fused Silica Tubing, L × I.D. 15 m × 0.20 mm	25755
Non-Polar Fused Silica Tubing, L × I.D. 30 m × 0.20 mm	25768-U
Non-Polar Fused Silica Tubing, L × I.D. 1 m × 0.25 mm	24025
Non-Polar Fused Silica Tubing, L × I.D. 3.0 m × 0.25 mm	25722
Non-Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.25 mm	25742
Non-Polar Fused Silica Tubing, L × I.D. 15 m × 0.25 mm	25756
Non-Polar Fused Silica Tubing, L × I.D. 30 m × 0.25 mm	25769-U
Non-Polar Fused Silica Tubing, L × I.D. 60 m × 0.25 mm	25783
Non-Polar Fused Silica Tubing, L × I.D. 1 m × 0.32 mm	24058
Non-Polar Fused Silica Tubing, L × I.D. 3.0 m × 0.32 mm	25723
Non-Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.32 mm	25743
Non-Polar Fused Silica Tubing, L × I.D. 15 m × 0.32 mm	25757
Non-Polar Fused Silica Tubing, L × I.D. 30 m × 0.32 mm	25770-U
Non-Polar Fused Silica Tubing, L × I.D. 1 m × 0.53 mm	25307
Non-Polar Fused Silica Tubing, L × I.D. 3.0 m × 0.53 mm	25724
Non-Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.53 mm	25744
Non-Polar Fused Silica Tubing, L × I.D. 15 m × 0.53 mm	25758
Non-Polar Fused Silica Tubing, L × I.D. 30 m × 0.53 mm	25771
Nukol™, 30m 0.53mm 1.0µm, column L × I.D. 30 m × 0.53	25357
Nukol™ Capillary GC Column, size × I.D. 15 m × 0.25 mm, d _f 0.25 µm	24106-U
Nukol™ Capillary GC Column, size × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24107
Nukol™ Capillary GC Column, size × I.D. 60 m × 0.25 mm, d _f 0.25 µm	24108
Nukol™ Capillary GC Column, size × I.D. 15 m × 0.32 mm, d _f 0.25 µm	24130
Nukol™ Capillary GC Column, size × I.D. 30 m × 0.32 mm, d _f 0.25 µm	24131
Nukol™ Capillary GC Column, size × I.D. 60 m × 0.32 mm, d _f 0.25 µm	24132

* Name	Catalog Number
Nukol™ Capillary GC Column, size × I.D. 15 m × 0.32 mm, d _f 1.00 µm	24206-U
Nukol™ Capillary GC Column, size × I.D. 30 m × 0.32 mm, d _f 1.00 µm	24207
Nukol™ Capillary GC Column, size × I.D. 60 m × 0.32 mm, d _f 1.00 µm	24208
Nukol™ Capillary GC Column, size × I.D. 15 m × 0.53 mm, d _f 0.50 µm	25326
Nukol™ Capillary GC Column, size × I.D. 30 m × 0.53 mm, d _f 0.50 µm	25327
Nukol™ Capillary GC Column, size × I.D. 60 m × 0.53 mm, d _f 0.50 µm	25386
Omegawax® Capillary GC Column, L × I.D. 15 m × 0.10 mm, d _f 0.10 µm	23399-U
Omegawax® Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24136
Omegawax® Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 µm	24152
Omegawax® Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 µm	25374
OVI-G43 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 3.00 µm	25396
PAG Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24223
PAG Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 µm	24226
PAG Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 µm	25423-U
Petrocol® 2887 Capillary GC Column, L × I.D. 5.0 m × 0.53 mm, d _f 0.50 µm	25323
Petrocol® DH 150 Capillary GC Column, L × I.D. 150 m × 0.25 mm, d _f 1.00 µm	24155
Petrocol® DH 50.2 Capillary GC Column, L × I.D. 50 m × 0.20 mm, d _f 0.50 µm	24133-U
Petrocol® DH Capillary GC Column, L × I.D. 100 m × 0.25 mm, d _f 0.50 µm	24160-U
Petrocol® DH Octyl Capillary GC Column, L × I.D. 100 m × 0.25 mm, d _f 0.50 µm	24282
Petrocol® EX2887 Capillary GC Column, L × I.D. 5.0 m × 0.53 mm, d _f 0.10 µm	25337
Polar Fused Silica Tubing, L × I.D. 1 m × 0.10 mm	25710
Polar Fused Silica Tubing, L × I.D. 1 m × 0.25 mm	25712
Polar Fused Silica Tubing, L × I.D. 30 m × 0.25 mm	25777
Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.32 mm	25752-U
Polar Fused Silica Tubing, L × I.D. 15 m × 0.32 mm	25765
Polar Fused Silica Tubing, L × I.D. 1 m × 0.53 mm	25714
Polar Fused Silica Tubing, L × I.D. 3.0 m × 0.53 mm	25734
Polar Fused Silica Tubing, L × I.D. 5.0 m × 0.53 mm	25753
Polar Fused Silica Tubing, L × I.D. 15 m × 0.53 mm	25766
Polar Fused Silica Tubing, L × I.D. 30 m × 0.53 mm	25779
PTA-5 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.50 µm	24277
PTA-5 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 1.00 µm	24330
PTA-5 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.50 µm	24331
PTA-5 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 1.00 µm	24332
PTA-5 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 1.50 µm	24333
PTA-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.50 µm	25438
PTA-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 3.00 µm	25439
SAC™-5 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 µm	24156
SCOT Capillary GC Column, phase Bentone 34/DNDP	23813-U
SCOT Capillary GC Column, phase TCEP	23829-U

Gas Chromatography (GC)

Capillary

* Name	Catalog Number
SCOT Capillary GC Column, phase BMEA	23818-U
SCOT Capillary GC Column, phase Squalane	23819-U
SE-30, L x I.D. 30 m x 0.25 mm	24004-U
SE-54, L x I.D. 30 m x 0.25 mm	24001
SLB [®] -35ms Capillary GC Column, L x I.D. 15 m x 0.10 mm, d _f 0.10 μm	29808-U
SLB [®] -35ms Capillary GC Column, L x I.D. 20 m x 0.18 mm, d _f 0.18 μm	29809-U
SLB [®] -35ms Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.10 μm	29802-U
SLB [®] -35ms Capillary GC Column, L x I.D. 15 m x 0.25 mm, d _f 0.25 μm	29803-U
SLB [®] -35ms Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.25 μm	29804-U
SLB [®] -35ms Capillary GC Column, L x I.D. 60 m x 0.25 mm, d _f 0.25 μm	29805-U
SLB [®] -35ms Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.50 μm	29806-U
SLB [®] -35ms Capillary GC Column, L x I.D. 60 m x 0.25 mm, d _f 0.50 μm	29807-U
SLB [®] -35ms Capillary GC Column, L x I.D. 30 m x 0.32 mm, d _f 0.25 μm	29810-U
SLB [®] -35ms Capillary GC Column, L x I.D. 60 m x 0.32 mm, d _f 0.25 μm	29811-U
SLB [®] -35ms Capillary GC Column, L x I.D. 30 m x 0.53 mm, d _f 0.50 μm	29812-U
SLB [®] -35ms Capillary GC Column, L x I.D. 30 m x 0.53 mm, d _f 1.00 μm	29814-U
SLB [®] -5ms Capillary GC Column, L x I.D. 10 m x 0.10 mm, d _f 0.10 μm	28465-U
SLB [®] -5ms Capillary GC Column, L x I.D. 15 m x 0.10 mm, d _f 0.10 μm	28466-U
SLB [®] -5ms Capillary GC Column, L x I.D. 20 m x 0.18 mm, d _f 0.18 μm	28564-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.18 mm, d _f 0.30 μm	28575-U
SLB [®] -5ms Capillary GC Column, L x I.D. 20 m x 0.18 mm, d _f 0.36 μm	28576-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.20 mm, d _f 0.20 μm	28513-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.10 μm	28467-U
SLB [®] -5ms Capillary GC Column, L x I.D. 15 m x 0.25 mm, d _f 0.25 μm	28469-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.25 μm	28471-U
SLB [®] -5ms Capillary GC Column, L x I.D. 60 m x 0.25 mm, d _f 0.25 μm	28472-U
SLB [®] -5ms Capillary GC Column, L x I.D. 15 m x 0.25 mm, d _f 0.50 μm	28577-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.50 μm	28473-U
SLB [®] -5ms Capillary GC Column, L x I.D. 60 m x 0.25 mm, d _f 0.50 μm	28474-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 1.00 μm	28476-U
SLB [®] -5ms Capillary GC Column, L x I.D. 15 m x 0.32 mm, d _f 0.25 μm	28557-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.32 mm, d _f 0.25 μm	28482-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.32 mm, d _f 0.32 μm	28532-U
SLB [®] -5ms Capillary GC Column, L x I.D. 15 m x 0.32 mm, d _f 0.50 μm	28597-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.32 mm, d _f 0.50 μm	28484-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.32 mm, d _f 1.00 μm	28487-U
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.53 mm, d _f 0.50 μm	28541-U

* Name	Catalog Number
SLB [®] -5ms Capillary GC Column, L x I.D. 30 m x 0.53 mm, d _f 1.00 μm	28559-U
SLB [®] -1L100 Capillary GC Column, L x I.D. 15 m x 0.10 mm, d _f 0.08 μm	28882-U
SLB [®] -1L100 Capillary GC Column, L x I.D. 20 m x 0.18 mm, d _f 0.14 μm	28883-U
SLB [®] -1L100 Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	28884-U
SLB [®] -1L100 Capillary GC Column, L x I.D. 60 m x 0.25 mm, d _f 0.20 μm	28886-U
SLB [®] -1L100 Capillary GC Column, L x I.D. 30 m x 0.32 mm, d _f 0.26 μm	28887-U
SLB [®] -1L100 Capillary GC Column, L x I.D. 60 m x 0.32 mm, d _f 0.26 μm	28888-U
SLB [®] -1L111 Capillary GC Column, L x I.D. 15 m x 0.10 mm, d _f 0.08 μm	28925-U
SLB [®] -1L111 Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	28927-U
SLB [®] -1L111 Capillary GC Column, L x I.D. 60 m x 0.25 mm, d _f 0.20 μm	28928-U
SLB [®] -1L111 Capillary GC Column, L x I.D. 100 m x 0.25 mm, d _f 0.20 μm	29647-U
SLB [®] -1L111 Capillary GC Column, L x I.D. 200 m x 0.25 mm, d _f 0.20 μm	29689-U
SLB [®] -1L111i Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	29883-U
SLB [®] -1L111i Capillary GC Column, L x I.D. 60 m x 0.25 mm, d _f 0.20 μm	29884-U
SLB [®] -1L59 Capillary GC Column, L x I.D. 15 m x 0.10 mm, d _f 0.08 μm	28880-U
SLB [®] -1L59 Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	28891-U
SLB [®] -1L60 Capillary GC Column, L x I.D. 15 m x 0.10 mm, d _f 0.08 μm	29503-U
SLB [®] -1L60 Capillary GC Column, L x I.D. 20 m x 0.18 mm, d _f 0.14 μm	29504-U
SLB [®] -1L60 Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	29505-U
SLB [®] -1L60 Capillary GC Column, L x I.D. 60 m x 0.25 mm, d _f 0.20 μm	29506-U
SLB [®] -1L60 Capillary GC Column, L x I.D. 30 m x 0.32 mm, d _f 0.26 μm	29508-U
SLB [®] -1L60 Capillary GC Column, L x I.D. 60 m x 0.32 mm, d _f 0.26 μm	29509-U
SLB [®] -1L60i Capillary GC Column, L x I.D. 20 m x 0.18 mm, d _f 0.14 μm	29829-U
SLB [®] -1L60i Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	29832-U
SLB [®] -1L60i Capillary GC Column, L x I.D. 60 m x 0.25 mm, d _f 0.20 μm	29833-U
SLB [®] -1L60i Capillary GC Column, L x I.D. 30 m x 0.32 mm, d _f 0.26 μm	29836-U
SLB [®] -1L60i Capillary GC Column, L x I.D. 60 m x 0.32 mm, d _f 0.26 μm	29837-U
SLB [®] -1L61 Capillary GC Column, L x I.D. 15 m x 0.10 mm, d _f 0.08 μm	29484-U
SLB [®] -1L61 Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	29486-U
SLB [®] -1L76 Capillary GC Column, L x I.D. 15 m x 0.10 mm, d _f 0.08 μm	28909-U
SLB [®] -1L76 Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	28913-U
SLB [®] -1L76i Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	29869-U
SLB [®] -1L82 Capillary GC Column, L x I.D. 15 m x 0.10 mm, d _f 0.08 μm	29477-U
SLB [®] -1L82 Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	29479-U
SLB [®] -1LD3606 Capillary GC Column, L x I.D. 30 m x 0.25 mm, d _f 0.20 μm	29687-U

3: Analytical Applications & Standards

Gas Chromatography (GC)

Capillary

* Name	Catalog Number
SLB®-ILD3606 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.20 μm	29691-U
SLB®-ILPAH Capillary GC Column, L × I.D. 20 m × 0.18 mm, d _f 0.05 μm	29799-U
SPTM™-2250 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 0.20 μm	24009
SPTM™-2250 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.20 μm	24010
SPTM™-2330 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 0.20 μm	24018
SPTM™-2330 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.20 μm	24019
SPTM™-2330 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.20 μm	24020-U
SPTM™-2330 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.20 μm	24073
SPTM™-2330 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.20 μm	24074
SPTM™-2330 Capillary GC Column, L × I.D. 30 m × 0.75 mm, d _f 0.20 μm	23328-U
SPTM™-2331 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.20 μm	24257
SPTM™-2331 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.20 μm	24104-U
SPTM™-2331 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.20 μm	24105-U
SPTM™-2340 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.20 μm	24022
SPTM™-2340 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.20 μm	24023
SPTM™-2340 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.20 μm	24075
SPTM™-2340 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.20 μm	24076
SPTM™-2380 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.20 μm	24110-U
SPTM™-2380 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.20 μm	24111
SPTM™-2380 Capillary GC Column, L × I.D. 100 m × 0.25 mm, d _f 0.20 μm	24317
SPTM™-2380 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.20 μm	24116-U
SPTM™-2560 Capillary GC Column, L × I.D. 75 m × 0.18 mm, d _f 0.14 μm	23348-U
SPTM™-2560 Capillary GC Column, L × I.D. 100 m × 0.25 mm, d _f 0.20 μm	24056
SPTM™-2560 Capillary GC Column, L × I.D. 100 m × 0.25 mm, d _f 0.20 μm	23362-U
SPTM™-2560 Capillary GC Column, L × I.D. 200 m × 0.25 mm, d _f 0.20 μm	29688-U
SPB®-1000 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	24313
SPB®-1000 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 μm	24315
SPB®-1000 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 μm	25445
SPB®-1 SULFUR Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 4.00 μm	24158
SPB®-225 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 0.25 μm	23329-U
SPB®-225 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	24335
SPB®-608 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	24103-U
SPB®-608 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.25 μm	23314-U
SPB®-608 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 0.50 μm	25310-U
SPB®-608 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 μm	25312

* Name	Catalog Number
SPB®-624 Capillary GC Column, L × I.D. 20 m × 0.18 mm, d _f 1.00 μm	28662-U
SPB®-624 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 1.40 μm	24255
SPB®-624 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 1.40 μm	24256
SPB®-624 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 1.80 μm	23323-U
SPB®-624 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 1.80 μm	24251
SPB®-624 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 3.00 μm	25430
SPB®-624 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 3.00 μm	28663-U
SPB®-624 Capillary GC Column, L × I.D. 75 m × 0.53 mm, d _f 3.00 μm	25432
SPB®-624 Capillary GC Column, L × I.D. 105 m × 0.53 mm, d _f 3.00 μm	28664-U
SPB®-1 Capillary GC Column, L × I.D. 15 m × 0.20 mm, d _f 0.20 μm	24162
SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.20 mm, d _f 0.20 μm	24163
SPB®-1 Capillary GC Column, L × I.D. 12 m × 0.20 mm, d _f 0.33 μm	24229-U
SPB®-1 Capillary GC Column, L × I.D. 25 m × 0.20 mm, d _f 0.33 μm	24230-U
SPB®-1 Capillary GC Column, L × I.D. 10 m × 0.20 mm, d _f 1.20 μm	24134-U
SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.10 μm	24261
SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	24028
SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.25 μm	24030-U
SPB®-1 Capillary GC Column, L × I.D. 100 m × 0.25 mm, d _f 0.25 μm	24198
SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 1.00 μm	24029
SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 1.00 μm	24031
SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 3.00 μm	23304-U
SPB®-1 Capillary GC Column, L × I.D. 15 m × 0.32 mm, d _f 0.25 μm	24099
SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 μm	24044
SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.25 μm	24046
SPB®-1 Capillary GC Column, L × I.D. 15 m × 0.32 mm, d _f 1.00 μm	24098-U
SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 1.00 μm	24045-U
SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 1.00 μm	24047
SPB®-1 Capillary GC Column, L × I.D. 100 m × 0.32 mm, d _f 1.00 μm	24213-U
SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 2.00 μm	24215-U
SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 2.00 μm	24216-U
SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 5.00 μm	24296
SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 5.00 μm	24297
SPB®-1 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 0.10 μm	25360
SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.10 μm	25361
SPB®-1 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 0.50 μm	25314

Gas Chromatography (GC)

Capillary

*	Name	Catalog Number
	SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 μm	25315
	SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 0.50 μm	25382
	SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.00 μm	25417
	SPB®-1 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 1.50 μm	25302-U
	SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.50 μm	25303
	SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 1.50 μm	25388
	SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 3.00 μm	25341-U
	SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 3.00 μm	25348
	SPB®-1 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 5.00 μm	25344
	SPB®-1 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 5.00 μm	25345-U
	SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 5.00 μm	25349
	SPB®-1 Capillary GC Column, L × I.D. 60 m × 0.75 mm, d _f 1.00 μm	23302-U
	SPB®-5 Capillary GC Column, L × I.D. 30 m × 0.20 mm, d _f 0.20 μm	24166
	SPB®-5 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 0.25 μm	24032
	SPB®-5 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	24034
	SPB®-5 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.25 μm	24036
	SPB®-5 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 1.00 μm	24033
	SPB®-5 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 1.00 μm	24035
	SPB®-5 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 1.00 μm	24037
	SPB®-5 Capillary GC Column, L × I.D. 15 m × 0.32 mm, d _f 0.25 μm	24101-U
	SPB®-5 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 μm	24048
	SPB®-5 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.25 μm	24050
	SPB®-5 Capillary GC Column, L × I.D. 25 m × 0.32 mm, d _f 0.52 μm	24359
	SPB®-5 Capillary GC Column, L × I.D. 15 m × 0.32 mm, d _f 1.00 μm	24100-U
	SPB®-5 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 1.00 μm	24049
	SPB®-5 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 1.00 μm	24051
	SPB®-5 Capillary GC Column, L × I.D. 50 m × 0.32 mm, d _f 5.00 μm	23307-U
	SPB®-5 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 0.50 μm	25316
	SPB®-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 μm	25317
	SPB®-5 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 0.50 μm	25383
	SPB®-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.00 μm	25420-U
	SPB®-5 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 1.50 μm	25304
	SPB®-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.50 μm	25305-U
	SPB®-5 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 1.50 μm	25389
	SPB®-5 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 3.00 μm	25342

*	Name	Catalog Number
	SPB®-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 3.00 μm	25343
	SPB®-5 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 3.00 μm	25350
	SPB®-5 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 5.00 μm	25346
	SPB®-5 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 5.00 μm	25347
	SPB®-5 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 5.00 μm	25351
	SPB®-20 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	24086
	SPB®-20 Capillary GC Column, size × I.D. 30 m × 0.25 mm, d _f 1.00 μm	24196-U
	SPB®-20 Capillary GC Column, size × I.D. 30 m × 0.32 mm, d _f 0.25 μm	24088
	SPB®-20 Capillary GC Column, size × I.D. 30 m × 0.53 mm, d _f 0.50 μm	25329-U
	SPB®-20 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 1.00 μm	28569-U
	SPB®-20 Capillary GC Column, size × I.D. 30 m × 0.53 mm, d _f 1.00 μm	25333
	SPB®-35 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	24092
	SPB®-35 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.25 μm	28568-U
	SPB®-35 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 μm	24094
	SPB®-35 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.00 μm	25335
	SPB®-50 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	24181
	SPB®-50 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 μm	24187
	SPB®-50 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 μm	25363
	SPB®-HAP Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 4.00 μm	25020-U
	SPB®-Octyl Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	24218-U
	SPB®-Octyl Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.25 μm	24219-U
	SPB®-Octyl Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 1.00 μm	24232
	SPB®-Octyl Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 1.00 μm	24233-U
	SPB®-Octyl Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 3.00 μm	25398
	SPB®-PUFA Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.20 μm	24314
	SPB®-PUFA Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.20 μm	24323
	Supelco DEX™ GC Column Screening Kit, kit I	24340
	Supelco DEX™ GC Column Screening Kit, kit II	24328-U
	SUPELLOWAX® 10 Capillary GC Column, L × I.D. 5.0 m × 0.10 mm, d _f 0.10 μm	25025-U
	SUPELLOWAX® 10 Capillary GC Column, L × I.D. 10 m × 0.10 mm, d _f 0.10 μm	25026-U
	SUPELLOWAX® 10 Capillary GC Column, L × I.D. 15 m × 0.10 mm, d _f 0.10 μm	24343
	SUPELLOWAX® 10 Capillary GC Column, L × I.D. 30 m × 0.20 mm, d _f 0.20 μm	24169
	SUPELLOWAX® 10 Capillary GC Column, L × I.D. 60 m × 0.20 mm, d _f 0.20 μm	24170
	SUPELLOWAX® 10 Capillary GC Column, L × I.D. 15 m × 0.25 mm, d _f 0.25 μm	24077
	SUPELLOWAX® 10 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.25 μm	24079
	SUPELLOWAX® 10 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.25 μm	24081

3: Analytical Applications & Standards

Gas Chromatography (GC)

Capillary

* Name	Catalog Number
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 100 m × 0.25 mm, d _f 0.25 µm	23308-U
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.50 µm	24284
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.50 µm	24285-U
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 15 m × 0.32 mm, d _f 0.25 µm	24078
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.25 µm	24080-U
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.25 µm	24082
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 15 m × 0.32 mm, d _f 0.50 µm	24083
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.50 µm	24084
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.50 µm	24085-U
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 1.00 µm	24211
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 1.00 µm	24212
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 0.50 µm	25324
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 0.50 µm	25325
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 0.50 µm	25385
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 1.00 µm	25300-U
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 1.00 µm	25301-U
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 1.00 µm	25391
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 2.00 µm	25375-U
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 2.00 µm	25376
SUPELLOWAX® 10 Capillary GC Column, L × I.D. 30 m × 0.75 mm, d _f 1.00 µm	23327-U
Supel-Q™ PLOT Capillary GC Column, L × I.D. 30 m × 0.32 mm, average thickness 15 µm	24242
Supel-Q™ PLOT Capillary GC Column, L × I.D. 30 m × 0.53 mm, average thickness 30 µm	25462
Supel-Q™ PLOT Capillary GC Column, L × I.D. 30 m × 0.53 mm, with guard column, average thickness 30 µm	23937-U
Supel-Q™ PLOT Capillary GC Column, L × I.D. 50 m × 0.53 mm, average thickness 30 µm	23939-U
Sup-Herb™ Capillary GC Column, L × I.D. 15 m × 0.53 mm, d _f 0.50 µm	25322
TCEP Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 0.44 µm	24153
TCEP Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 0.51 µm	24161
Untreated Fused Silica Tubing, L × I.D. 1 m × 0.10 mm	25700-U
Untreated Fused Silica Tubing, L × I.D. 3.0 m × 0.10 mm	25715
Untreated Fused Silica Tubing, L × I.D. 5.0 m × 0.10 mm	25735
Untreated Fused Silica Tubing, L × I.D. 1 m × 0.25 mm	24024
Untreated Fused Silica Tubing, L × I.D. 3.0 m × 0.25 mm	25717
Untreated Fused Silica Tubing, L × I.D. 5.0 m × 0.25 mm	25737
Untreated Fused Silica Tubing, L × I.D. 15 m × 0.25 mm	24059
Untreated Fused Silica Tubing, L × I.D. 60 m × 0.25 mm	24061
Untreated Fused Silica Tubing, L × I.D. 1 m × 0.32 mm	25702

* Name	Catalog Number
Untreated Fused Silica Tubing, L × I.D. 3.0 m × 0.32 mm	25718
Untreated Fused Silica Tubing, L × I.D. 5.0 m × 0.32 mm	25738
Untreated Fused Silica Tubing, L × I.D. 15 m × 0.32 mm	24062
Untreated Fused Silica Tubing, L × I.D. 30 m × 0.32 mm	24063
Untreated Fused Silica Tubing, L × I.D. 60 m × 0.32 mm	24064
Untreated Fused Silica Tubing, L × I.D. 1 m × 0.53 mm	25703
Untreated Fused Silica Tubing, L × I.D. 3.0 m × 0.53 mm	25719
Untreated Fused Silica Tubing, L × I.D. 5.0 m × 0.53 mm	25739
Untreated Fused Silica Tubing, L × I.D. 15 m × 0.53 mm	25306
Untreated Fused Silica Tubing, L × I.D. 60 m × 0.53 mm	25781
VOCOL® Capillary GC Column, L × I.D. 20 m × 0.18 mm, d _f 1.00 µm	28463-U
VOCOL® Capillary GC Column, L × I.D. 10 m × 0.20 mm, d _f 1.20 µm	24129-U
VOCOL® Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 1.50 µm	24205-U
VOCOL® Capillary GC Column, L × I.D. 60 m × 0.25 mm, d _f 1.50 µm	24154
VOCOL® Capillary GC Column	28464-U
VOCOL® Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 1.80 µm	24217-U
VOCOL® Capillary GC Column, L × I.D. 60 m × 0.32 mm, d _f 3.00 µm	24157
VOCOL® Capillary GC Column, L × I.D. 30 m × 0.53 mm, d _f 3.00 µm	25320-U
VOCOL® Capillary GC Column, L × I.D. 60 m × 0.53 mm, d _f 3.00 µm	25381
VOCOL® Capillary GC Column, L × I.D. 105 m × 0.53 mm, d _f 3.00 µm	25358
VOCOL® Capillary GC Column, L × I.D. 60 m × 0.75 mm, d _f 1.50 µm	23313-U
Watercol™ 1910 Capillary GC Column, L × I.D. 30 m × 0.25 mm, d _f 0.20 µm	29711-U
Watercol™ 1910 Capillary GC Column, L × I.D. 30 m × 0.32 mm, d _f 0.26 µm	29714-U

Gas Purification & Management

* Name	Catalog Number
Aalborg Digital Mass Flowmeter, flow range, 0 - 50 mL/min	503894
Aalborg Digital Mass Flowmeter, flow range, 0 - 100 mL/min	503908
Aalborg Digital Mass Flowmeter, flow range, 0 - 200 mL/min	503916
Aalborg Digital Mass Flowmeter, flow range, 0 - 500 mL/min	503924
Aalborg Digital Mass Flowmeter, flow range, 0 - 1 L/min	503932
Aalborg Digital Mass Flowmeter, flow range, 0 - 5 L/min	503940
Aalborg Digital Mass Flowmeter, flow range, 0 - 10 L/min	503959
Aalborg Mass Flowmeter Battery Kit, AC input 110 V (AC)	503266
Aalborg Mass Flowmeter Battery Kit, AC input 230 V (AC)	503274
Aalborg Mass Flowmeter Power Supply, AC input 110 V (12 VDC)	503282
Aalborg Mass Flowmeter Power Supply, AC input 230 V (12 VDC)	503290

Gas Chromatography (GC)
Gas Purification & Management

* Name	Catalog Number
Automatic Changeover Panel, CGA 350, for use with H ₂ , Ar/CH ₄	503576
BT Union w/graphite ferrule	21495-U
Carbon Dioxide Trap, volume 100 cc, fitting size 1/8 in.	503185
Carbon Dioxide Trap, volume 100 cc, fitting size 1/4 in.	503193
Carbon Dioxide Trap, volume 250 cc, fitting size 1/8 in.	503207
Carbon Dioxide Trap, volume 250 cc, fitting size 1/4 in.	503215
Carbon Dioxide Trap Refill, pkg of 500 cc	503223
Carrying Case for GOW-MAC® Miniature Leak Detector	22809
CGA-320 Gas Cylinder Pressure Regulator	29567-U
CGA-320 Gas Cylinder Pressure Regulator, 1- stage high purity, limit 0-100 psi	29564-U
CGA-350 Gas Cylinder Pressure Regulator, 2-stage high purity, limit 0-100 psi	29561-U
CGA-350 Gas Cylinder Pressure Regulator, 1-stage high purity, limit 0-100 psi	29560-U
CGA-350 Gas Cylinder Pressure Regulator, 2-stage high purity plus, limit 0-100 psi	29581-U
CGA-350 Gas Cylinder Pressure Regulator, 1-stage high purity plus, limit 0-100 psi	29579-U
CGA-350 Gas Cylinder Pressure Regulator, 2-stage ultra high purity, limit 0-100 psi	29591-U
CGA-350 Gas Cylinder Pressure Regulator, 1-stage ultra high purity, limit 0-100 psi	29589-U
CGA-580 Gas Cylinder Pressure Regulator, 2-stage high purity, limit 0-100 psi	29557-U
CGA-580 Gas Cylinder Pressure Regulator, 1-stage high purity, limit 0-100 psi	29556-U
CGA-580 Gas Cylinder Pressure Regulator, 2-stage high purity plus, limit 0-100 psi	29574-U
CGA-580 Gas Cylinder Pressure Regulator, 2-stage high purity plus, limit 0-150 psi	29575-U
CGA-580 Gas Cylinder Pressure Regulator, 1-stage high purity plus, limit 0-100 psi	29573-U
CGA-580 Gas Cylinder Pressure Regulator, 2-stage ultra high purity, limit 0-100 psi	29585-U
CGA-580 Gas Cylinder Pressure Regulator, 1-stage ultra high purity, limit 0-100 psi	29584-U
CGA-590 Gas Cylinder Pressure Regulator, 2-stage high purity, limit 0-100 psi	29569-U
CGA-590 Gas Cylinder Pressure Regulator, 1-stage high purity, limit 0-100 psi	29568-U
Cleaned Copper Tubing, tubing L × O.D. × I.D. 50 ft × 1/8 in. (3.18 mm) × 0.065 in. (1.65 mm)	20488
Cleaned Copper Tubing, tubing L × O.D. × I.D. 50 ft × 1/4 in. (6.35 mm) × 0.190 in. (4.83 mm)	20489
Deionizer Bags, box of 2	22963
Desiccant Cartridge	27769-U
Desiccant Cartridge	22837
Diaphragm Shutoff Valve, 1/4 in. male NPT, 1/4 in. female NPT	23896
Diaphragm Shutoff Valve, 1/4 in. male NPT	23897
DIN13 Gas Cylinder Pressure Regulator, 2-stage high purity, limit 0-100 psi	29572-U
DIN13 Gas Cylinder Pressure Regulator, 1-stage high purity, limit 0-100 psi	29571-U
DIN1 Gas Cylinder Pressure Regulator, 2-stage high purity, limit 0-100 psi	29563-U
DIN1 Gas Cylinder Pressure Regulator, 1-stage high purity, limit 0-100 psi	29562-U
DIN1 Gas Cylinder Pressure Regulator, 2-stage high purity plus, limit 0-100 psi	29583-U
DIN1 Gas Cylinder Pressure Regulator, 1-stage high purity plus, limit 0-100 psi	29582-U
DIN1 Gas Cylinder Pressure Regulator, 2-stage ultra high purity, limit 0-100 psi	29593-U
DIN1 Gas Cylinder Pressure Regulator, 1-stage ultra high purity, limit 0-100 psi	29592-U

* Name	Catalog Number
DIN6 Gas Cylinder Pressure Regulator, 2-stage high purity, limit 0-100 psi	29559-U
DIN6 Gas Cylinder Pressure Regulator, 1-stage high purity, limit 0-100 psi	29558-U
DIN6 Gas Cylinder Pressure Regulator, 2-stage high purity plus, limit 0-100 psi	29577-U
DIN6 Gas Cylinder Pressure Regulator, 2-stage high purity plus, limit 0-150 psi	29578-U
DIN6 Gas Cylinder Pressure Regulator, 1-stage high purity plus, limit 0-100 psi	29576-U
DIN6 Gas Cylinder Pressure Regulator, 2-stage ultra high purity, limit 0-100 psi	29588-U
DIN6 Gas Cylinder Pressure Regulator, 1-stage ultra high purity, limit 0-100 psi	29587-U
domnick hunter® NITROX™ UHP Hydrogen Generator, Model 20H, output flow, 0 - 160 cc/min	27748-U
domnick hunter® NITROX™ UHP Hydrogen Generator, Model 40H, output flow, 0 - 250 cc/min	27749-U
domnick hunter® NITROX™ UHP Hydrogen Generator, Model 60H, output flow, 0 - 500 cc/min	27750-U
domnick hunter® Zero Air Generator, Model 10, 110 volt, output flow, 1000 cc/min	27758-U
domnick hunter® Zero Air Generator, Model 35, 110 volt, output flow, 3500 cc/min	27759-U
domnick hunter® Zero Air Generator, Model 10, 230 volt, output flow, 1000 cc/min	28358-U
domnick hunter® Zero Air Generator, Model 35, 230 volt, output flow, 3500 cc/min	28359-U
Economy Moisture Trap, volume 400 cc, fitting size 1/8 in.	23987
Economy Moisture Trap, volume 400 cc, fitting size 1/4 in.	23988
Economy Water Vapor Trap Refill, pkg of ~475 cc	23989
Fine Metering Valve, brass, straight arms 1/8 in.	22116
Fine Metering Valve, brass, angle arms 1/8 in.	22114
Fine Metering Valve, brass, angle arms 1/16 in.	22118
Fine Metering Valve, stainless steel, straight arms 1/8 in.	22117
Fine Metering Valve, stainless steel, angle arms 1/8 in.	22115
Fine Metering Valve, stainless steel, straight arms 1/16 in.	22121
Flash Arrestor	23315
Flexible Stainless Steel Hose	22060-U
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 6.0 ft × 1/8 in. (3.18 mm) × 0.085 in. (2.1 mm)	24965
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 25 ft × 1/8 in. (3.18 mm) × 0.85 in. (2.1 mm)	24966
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 50 ft × 1/8 in. (3.18 mm) × 0.085 in. (2.1 mm)	24967
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 25 ft × 1/16 in. (1.59 mm) × 0.01 in. (0.254 mm)	24951
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 50 ft × 1/16 in. (1.59 mm) × 0.01 in. (0.254 mm)	24952
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 100 ft × 1/16 in. (1.59 mm) × 0.01 in. (0.254 mm)	24953
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 6.0 ft × 1/16 in. (1.59 mm) × 0.02 in. (0.508 mm)	24954
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 25 ft × 1/16 in. (1.59 mm) × 0.02 in. (0.508 mm)	24955
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 50 ft × 1/16 in. (1.59 mm) × 0.02 in. (0.508 mm)	24956

3: Analytical Applications & Standards

Gas Chromatography (GC)

Gas Purification & Management

* Name	Catalog Number
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 100 ft × 1/16 in. (1.59 mm) × 0.02 in. (0.508 mm)	24957
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 6.0 ft × 1/16 in. (1.59 mm) × 0.03 in. (0.762 mm)	24958
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 25 ft × 1/16 in. (1.59 mm) × 0.03 in. (0.762 mm)	24959
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 100 ft × 1/16 in. (1.59 mm) × 0.03 in. (0.762 mm)	24961
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 6.0 ft × 1/16 in. (1.59 mm) × 0.04 in. (1.016 mm)	24962
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 25 ft × 1/16 in. (1.59 mm) × 0.04 in. (1.016 mm)	24963
Fused Silica-Lined Stainless Steel Tubing, tubing L × O.D. × I.D. 50 ft × 1/16 in. (1.59 mm) × 0.04 in. (1.016 mm)	24964
Gas Line Filter, for use with 1/8 in. tubing	20620
Gas Line Filter, for use with 1/4 in. tubing	20621
General Purpose Copper Tubing, tubing L × O.D. × I.D. 50 ft × 1/8 in. (3.18 mm) × 0.065 in. (1.65 mm)	20520-U
General Purpose Copper Tubing, tubing L × O.D. × I.D. 50 ft × 1/4 in. (6.35 mm) × 0.190 in. (4.83 mm)	20522
GOW-MAC® Miniature Leak Detector, AC input 110 V (60 Hz)	22807
GOW-MAC® Miniature Leak Detector, AC input 230 V (50 Hz)	22808
High Capacity Gas Purifier, Replacement Converter Tube, fitting size 1/8 in.	22396
High Capacity Gas Purifier, Replacement Converter Tube, fitting size 1/4 in.	22398
High Capacity Gas Purifier, Replacement Heating Element, AC input 110 V, pack of 2	29553-U
High Capacity Gas Purifier, Replacement Heating Element, AC input 230 V, pack of 2	29554-U
High Capacity Gas Purifier, Starter Kit, AC input 110 V, size 1/8 in.	29541-U
High Capacity Gas Purifier, Starter Kit, AC input 110 V, size 1/4 in.	29542-U
High Capacity Gas Purifier, Starter Kit, AC input 230 V, size 1/8 in., CE Approved	29546-U
High Capacity Gas Purifier, Starter Kit, AC input 230 V, size 1/4 in., CE Approved	29547-U
Hydrocarbon vapor element with o-ring for nitrogen generator	22798
In-Line Pressure Gauge, limit 0-30 psi pressure range	20469
In-Line Pressure Gauge, limit 0-60 psi pressure range	20470
In-Line Pressure Gauge, limit 0-100 psi pressure range	22423
In-Line Pressure Gauge, limit 0-30 psi pressure range, gauge only (tee not included)	20393
In-Line Pressure Gauge, limit 0-60 psi pressure range, gauge only (tee not included)	20394
In-Line Pressure Gauge Kit	20392
In-Line Pressure Regulator, General Purpose version (outlet pressure 0-50 psi, 1/8 in. brass fittings)	23883
In-Line Pressure Regulator, High Purity version (outlet pressure 0-100 psi, 1/8 in. stainless steel fittings)	23882
In-Line Pressure Regulator, Ultra-High Purity version (outlet pressure 0-100 psi, 1/8 in. stainless steel fittings)	23884
In-Line Pressure Regulator (economy model), Regulator body (outlet pressure 0-60 psi), gauge, and panel mount bracket	23831-U
In-Line Pressure Regulator (economy model), Regulator body only (outlet pressure 0-60 psi)	23832-U
In-Line Pressure Regulator (economy model), Gauge only	23833-U

* Name	Catalog Number
In-Line Pressure Regulator (economy model), Panel mount bracket with nut	23834-U
Jun-Air™ Model OF301-4B Oilless Air Compressor, AC input 230 V, flow rate, 32 L/min (at 4 bar)	503754
Leak-Tec® Leak Detector	20566
Leak Tester Kit	22660-U
Miniature Regulator with Gauge	513010
Model 206 SCOTTY® Regulator, with syringe adapter	501115
Model 206 SCOTTY® Regulator, with connector	509965
Model 226 Pressure Regulator, with gauge, single-stage	41910-U
Model 226 Single-Stage Regulator, CGA-170, (for SCOTTY® 74L cylinder)	25885-U
Model 24 Single-Stage Regulator, for use with CGA-160 for SCOTTY 14 cylinder (This item does not include the syringe adapter).	507911
Model 24 Single-Stage Regulator, for use with CGA-165 (for SCOTTY 48 cylinder)	501395
Modular Rotameter, flow range, 6 - 300 mL/min	22549
Modular Rotameter, flow range, 38 - 1250 mL/min	22550-U
Molecular Sieve 5A Moisture Trap, volume 200 cc, fitting size 1/8 in.	20619
Molecular Sieve 5A Moisture Trap, volume 200 cc, fitting size 1/4 in.	20618
Molecular Sieve 5A Moisture Trap, volume 750 cc, fitting size 1/4 in.	23991
Molecular Sieve 5A Moisture Trap, volume 750 cc, fitting size 1/2 in.	23992
Molecular Sieve 5A Moisture Trap, S-trap, fitting size 1/8 in.	503118
Mounting Clip, for use with 100 cc traps, pkg of 1 ea	502936
Mounting Clip, for use with 120 cc traps, pkg of 1 ea	23993
Mounting Clip, for use with 200 cc traps	503231
Mounting Clip, for use with 400 cc traps, pkg of 1 ea	23990
Mounting Clip, for use with 750 cc traps, pkg of 1 ea	24983
Norgren® Filter, particle filter, pore size 40 µm, 1/4 in. female NPT	24990-U
Norgren® Filter, particle filter, pore size 5 µm, 1/4 in. female NPT	24992
Norgren® Filter, Oil-Removing Filter, 1/4 in. female NPT	24994
Norgren® Filter, Oil Vapor-Removing Filter, 3/8 in. female NPT	24996
Norgren® Replacement Element, for use with Particle Filter 24990-U	24991
Norgren® Replacement Element, for use with Oil-Removing Filter 24994	24995
Norgren® Replacement Element, for use with Oil Vapor-Removing Filter 24996	24997
OMI® Purifier Tube, OMI-1 Purifier Tube	23900-U
OMI® Purifier Tube, OMI-2 Purifier Tube	23906
OMI® Purifier Tube, OMI-4 Purifier Tube	23909
OMI® Seal Kit	23917
OMI® Tube Holder, for use with OMI-2 purifier tubes	23921
OMI® Tube Holder, for use with OMI-4 purifier tubes	23926
On/Off Throttling Valve, brass, 1/8 in.	22138-U
On/Off Throttling Valve, brass, 1/4 in.	22140-U
On/Off Throttling Valve, stainless steel, 1/8 in.	22139-U
On/Off Throttling Valve, stainless steel, 1/4 in.	22141-U
On/Off Throttling Valve, stainless steel, 1/2 in.	25832
On/Off Toggle Valve, brass, straight arms 1/8 in.	22699
On/Off Toggle Valve, brass, angle arms 1/8 in.	22123-U
On/Off Toggle Valve, brass, straight arms 1/4 in.	22697
On/Off Toggle Valve, brass, angle arms 1/4 in.	22125-U
On/Off Toggle Valve, stainless steel, straight arms 1/8 in.	22698

Gas Chromatography (GC)
Gas Purification & Management

* Name	Catalog Number
On/Off Toggle Valve, stainless steel, angle arms 1/8 in.	22124-U
On/Off Toggle Valve, stainless steel, angle arms 1/4 in.	22126-U
Optional Flow Elements, flow rate, 0 - 10 cc/min (blue)	22836
Optional Flow Elements, flow rate, 0 - 535 cc/min (black)	22839
Oxiclear™ Disposable Oxygen/Moisture Trap, fitting size 1/8 in.	22992
Oxiclear™ Disposable Oxygen/Moisture Trap, fitting size 1/4 in.	22993
Oxisorb® Oxygen Scrubber, Replacement cartridge	20631
Parker® ChromGas® Zero Air Generator, Model 1000, 110 volt, output flow, 1000 cc/min	22824
Parker® ChromGas® Zero Air Generator, Model 1001, 230 volt, output flow, 1000 cc/min	22830-U
Parker® ChromGas® Zero Air Generator, Model 3500, 110 volt, output flow, 3500 cc/min	27625-U
Parker® ChromGas® Zero Air Generator, Model 3501, 230 volt, output flow, 3500 cc/min	27626-U
Parker® H2PEM Hydrogen Generator, Model H2PEM-100, 110/230 volt, output flow, 0 - 100 cc/min	27773-U
Parker® H2PEM Hydrogen Generator, Model H2PEM-165, 110/230 volt, output flow, 0 - 165 cc/min	27620-U
Parker® H2PEM Hydrogen Generator, Model H2PEM-260, 110/230 volt, output flow, 0 - 260 cc/min	22751
Parker® H2PEM Hydrogen Generator, Model H2PEM-510, 110/230 volt, output flow, 0 - 510 cc/min	22801
Point-of-Operation Cartridges, Hydrocarbon-Removing (GC-3)	23997
Porter Low Flow Controller	22834
Porter Low Flow Pressure Regulator	22816
Porter Model 4000 Miniature Pressure Regulator	22813-U
Porter Model 9000 Backpressure Regulator	22811-U
Premium Grade 304 Stainless Steel Tubing, tubing L x O.D. x I.D. 50 ft x 1/8 in. (3.18 mm) x 0.085 in. (2.1 mm)	20526-U
Premium Grade 304 Stainless Steel Tubing, tubing L x O.D. x I.D. 50 ft x 1/4 in. (6.35 mm) x 0.209 in. (5.3 mm)	20527
Premium Grade 304 Stainless Steel Tubing, tubing L x O.D. x I.D. 100 ft x 1/16 in. (1.59 mm) x 0.010 in. (0.254 mm)	20552
Premium Grade 304 Stainless Steel Tubing, tubing L x O.D. x I.D. 100 ft x 1/16 in. (1.59 mm) x 0.030 in. (0.762 mm)	20553
PTFE (FEP) Tubing, tubing L x O.D. x I.D. 50 ft x 1/8 in. (3.18 mm) x 0.085 in. (2.1 mm)	20532
PTFE Tubing, tubing L x O.D. x I.D. 25 ft x 0.085 in. (2.1 mm) x 0.062 in. (1.58 mm)	20531
PTFE Tubing, tubing L x O.D. x I.D. 25 ft x 1/4 in. (6.35 mm) x 0.228 in. (5.8 mm)	20533
6.35 mm/10 mm Reducing Union, PTFE, pk of 3	28398-U
Regulator Wall Bracket, Single station, CGA 580	503665
Regulator Wall Bracket, Single station, CGA 350	503657
Regulator Wall Bracket, Single station, CGA 590	503673
Regulator Wall Bracket, Two station, CGA 590	503738
Replacement Filter Element	22796
Replacement Filter Element	22797
Replacement 7 µm Stainless Steel Filter, for use with 1/8 in. gas line filter (Cat. No. 20620)	25810-U
Replacement 7 µm Stainless Steel Filter, for use with 1/4 in. gas line filter (Cat. No. 20621)	25809
Rotameter Tripod Assembly, for use with Supelco rotameters (legs have leveling screws, unit has a built-in level)	23322
Rotameter Tripod Assembly, for use with Modular rotameters	22548
Six Month Maintenance Kit	27768-U
SNOOP® Liquid Leak Detector, 8 oz. (236 mL) bottle	20434

* Name	Catalog Number
SNOOP® Liquid Leak Detector, 1gal. (3.8 L) bottle	20640-U
SP-Alloy Tubing, tubing L x O.D. x I.D. 50 ft x 1/8 in. (3.18 mm) x 0.085 in. (2.1 mm)	22709-U
Squeeze Bulb 2mL	23166
Supelcarb® HC Hydrocarbon Trap, volume 120 cc, fitting size 1/8 in.	24448
Supelcarb® HC Hydrocarbon Trap, volume 120 cc, fitting size 1/4 in.	24449
Supelcarb® HC Hydrocarbon Trap, volume 750 cc, fitting size 1/4 in.	24564
Supelcarb® HC Hydrocarbon Trap, volume 750 cc, fitting size 1/2 in.	24565
Supelcarb® Split-Vent Trap, Starter kit (1 trap and attachment fittings)	22536
Supelcarb® Split-Vent Trap, Replacement trap, pkg of 2 ea	2253502
Supelcarb® Split-Vent Trap, Replacement trap, pkg of 5 ea	2253505
Supelco® Helium Purifier, stainless steel fittings, 1/8 in. O.D. Swagelok (nuts and ferrules included)	27600-U
Supelco® Helium Purifier, stainless steel fittings, 1/4 in. Swagelok (nuts and ferrules included)	27601-U
Supelco Rotameter, flow range, 0 - 33 mL/min, with needle valve	23324
Supelco Rotameter, flow range, 0 - 33 mL/min, without needle valve	503843
Supelco Rotameter, flow range, 0 - 110 mL/min, with needle valve	23325
Supelco Rotameter, flow range, 0 - 110 mL/min, without needle valve	503851
Supelco Rotameter, flow range, 0 - 244 mL/min, with needle valve	23320-U
Supelco Rotameter, flow range, 0 - 454 mL/min, with needle valve	23326
Supelco Rotameter, flow range, 0 - 454 mL/min, without needle valve	503886
Supelpure® HC Hydrocarbon Trap, volume 120 cc, fitting size 1/8 in.	22445-U
Supelpure® HC Hydrocarbon Trap, volume 120 cc, fitting size 1/4 in.	22446
Supelpure® HC Hydrocarbon Trap, volume 750 cc, fitting size 1/4 in.	24518
Supelpure® HC Hydrocarbon Trap, volume 750 cc, fitting size 1/2 in.	24519
Supelpure® HC Hydrocarbon Trap, S-trap, fitting size 1/8 in.	503142
Supelpure® HC Hydrocarbon Trap Refill, volume 474 cc	22823-U
Supelpure® HC Hydrocarbon Trap Refill, volume 948 cc	22828-U
Supelpure®-O Oxygen/Moisture Trap, volume 120 cc, fitting size 1/8 in.	22449
Supelpure®-O Oxygen/Moisture Trap, volume 120 cc, fitting size 1/4 in.	22450-U
Supelpure®-O Oxygen/Moisture Trap, volume 750 cc, fitting size 1/4 in.	503088
Supelpure®-O Oxygen/Moisture Trap, volume 750 cc, fitting size 1/2 in.	503096
Supelpure®-O Oxygen/Moisture Trap, S-trap, fitting size 1/8 in.	503126
Super Clean (Base-Plate Design) Base Plate, single position, size 1/8 in.	SU861011
Super Clean (Base-Plate Design) Base Plate, two position, size 1/8 in.	SU861012
Super Clean (Base-Plate Design) Base Plate, three position, size 1/8 in.	SU861013
Super Clean (Base-Plate Design) Gas Purifier, hydrocarbon, without indicator	SU861023
Super Clean (Base-Plate Design) Gas Purifier, moisture, with indicator	SU861021
Super Clean (Base-Plate Design) Gas Purifier, oxygen, with indicator	SU861022

3: Analytical Applications & Standards

Gas Chromatography (GC)

Gas Purification & Management

* Name	Catalog Number
Super Clean (Base-Plate Design) Gas Purifier, triple trap (hydrocarbon, moisture, oxygen), for carrier gas	SU861026
Super Clean (Base-Plate Design) Gas Purifier, triple trap (hydrocarbon, moisture, oxygen), for helium carrier gas	SU861027
Super Clean (Base-Plate Design) Gas Purifier, dual trap (hydrocarbon, moisture), for fuel gas	SU861025
Super Clean (Base-Plate Design) Kit, carrier gas kit (includes SU861026 + SU861011)	28878-U
Super Clean (Base-Plate Design) Kit, helium carrier gas kit (includes SU861027 + SU861011)	SU861040
Super Clean (Base-Plate Design) Kit, GC-FID fuel gas kit (includes SU861026, 2 X SU861025, and SU861013)	SU861043
Super Clean (Base-Plate Design) O-ring Set, includes 10 small and 10 large	SU861050
Super Clean (Base-Plate Design) Wall Mounting Bracket	SU861016
Super Clean (High-Flow Base-Plate Design) Base Plate, two position, for high-flow purification	28879-U
Super Clean (High-Flow Base-Plate Design) Gas Purifier, hydrocarbon, without indicator	SU861029
Super Clean (High-Flow Base-Plate Design) Gas Purifier, moisture, with indicator	SU861028
Super Clean (High-Flow Base-Plate Design) Kit, hydrocarbon removal kit for high-flow purification (includes SU861029 + 28879-U)	SU861046
Super Clean (High-Flow Base-Plate Design) Kit, moisture removal kit for high-flow purification (includes SU861028 + 28879-U)	SU861045
Super Clean (In-Line Design) Brass Click-On Connector, size 1/8 in., pkg of 2 ea	28869-U
Super Clean (In-Line Design) Brass Click-On Connector, size 1/4 in., pkg of 2 ea	28868-U
Super Clean (In-Line Design) Double Version Click-On Connector, size 1/8 in., pkg of 1 ea	28874-U
Super Clean (In-Line Design) Gas Purifier, hydrocarbon trap, stainless steel	28863-U
Super Clean (In-Line Design) Gas Purifier, moisture trap, stainless steel	28861-U
Super Clean (In-Line Design) Gas Purifier, oxygen trap, stainless steel	28862-U
Super Clean (In-Line Design) Gas Purifier, triple trap (hydrocarbon, moisture, oxygen), stainless steel	28864-U
Super Clean (In-Line Design) Gas Purifier, triple trap (hydrocarbon, moisture, oxygen), gas specific for helium, stainless steel	28865-U
Super Clean (In-Line Design) Gas Purifier, triple trap (hydrocarbon, moisture, oxygen), gas specific for helium, indicating	28867-U
Super Clean (In-Line Design) Gas Purifier, dual trap (hydrocarbon, moisture), for fuel gas, stainless steel	28866-U
Super Clean (In-Line Design) O-ring Set, includes 10 small and 10 large, pkg of 10 ea	28875-U
Super Clean (In-Line Design) Stainless Steel Click-On Connector, size 1/8 in., pkg of 2 ea	28873-U
Super Clean (In-Line Design) Stainless Steel Click-On Connector, size 1/4 in., pkg of 2 ea	28872-U
Super Clean (In-Line Design) Wall Mounting Clamp, pkg of 4 ea	28876-U
Swagelok® Back Ferrule, Swagelok®, 104-1, brass, 1/16 in. Swagelok	22023
Swagelok® Back Ferrule, Swagelok®, 204-1, brass, 1/8 in. Swagelok	22013
Swagelok® Back Ferrule, Swagelok®, 404-1, brass, 1/4 in. Swagelok	22002
Swagelok® Back Ferrule, Swagelok®, 104-1, stainless steel, 1/16 in. Swagelok	22049-U
Swagelok® Back Ferrule, Swagelok®, 204-1, stainless steel, 1/8 in. Swagelok	22039
Swagelok® Back Ferrule, Swagelok®, 404-1, stainless steel, 1/4 in. Swagelok	22028

* Name	Catalog Number
Swagelok® Back Ferrule, Swagelok®, 814-1, stainless steel, 1/2 in. Swagelok	25825
Swagelok® Bored-Through Union, Swagelok®, 400-6BT, brass, 1/4 in.	21664
Swagelok® Bored-Through Union, Swagelok®, 200-6BT, stainless steel, 1/8 in.	22088
Swagelok® Bored-Through Union, Swagelok®, 400-6BT, stainless steel, 1/4 in.	21518
Swagelok® Branch Tee, Swagelok®, 200-3TTF, brass, 1/8 in. NPT, 1/8 in. Swagelok	22143-U
Swagelok® Bulkhead Union, Swagelok®, 100-61, brass, 1/16 in.	21980-U
Swagelok® Bulkhead Union, Swagelok®, 200-61, brass, 1/8 in.	21981-U
Swagelok® Bulkhead Union, Swagelok®, 400-61, brass, 1/4 in.	21982-U
Swagelok® Bulkhead Union, Swagelok®, 100-61, stainless steel, 1/16 in.	22665-U
Swagelok® Bulkhead Union, Swagelok®, 200-61, stainless steel, 1/8 in.	22666
Swagelok® Bulkhead Union, Swagelok®, 400-61, stainless steel, 1/4 in.	22667-U
Swagelok® Caps, brass, 1/8 in. male	22018-U
Swagelok® Caps, Swagelok®, 400-C, brass, 1/4 in. male	22008
Swagelok® Caps, Swagelok®, 400-C, stainless steel, 1/4 in. male	22034
Swagelok® Connector to Female NPT, Swagelok®, 200-7-2, brass, 1/8 in. Swagelok, 1/8 in. female NPT	22703
Swagelok® Connector to Female NPT, Swagelok®, 400-7-2, brass, 1/4 in. Swagelok, 1/8 in. female NPT	22705-U
Swagelok® Connector to Female NPT, Swagelok®, 200-7-4, brass, 1/8 in. Swagelok, 1/4 in. female NPT	21978-U
Swagelok® Connector to Female NPT, Swagelok®, 400-7-4, brass, 1/4 in. Swagelok, 1/4 in. female NPT	22707
Swagelok® Connector to Female NPT, Swagelok®, 810-7-4, brass, 1/2 in. Swagelok, 1/4 in. female NPT	25819
Swagelok® Connector to Female NPT, Swagelok®, 400-7-2, stainless steel, 1/4 in. Swagelok, 1/8 in. female NPT	22706
Swagelok® Connector to Female NPT, Swagelok®, 200-7-4, stainless steel, 1/8 in. Swagelok, 1/4 in. female NPT	21979-U
Swagelok® Connector to Female NPT, Swagelok®, 400-7-4, stainless steel, 1/4 in. Swagelok, 1/4 in. female NPT	22708
Swagelok® Connector to Male NPT, brass, 1/8 in. Swagelok, 1/8 in. male NPT, 200-1-2	22082
Swagelok® Connector to Male NPT, brass, 1/4 in. Swagelok, 1/8 in. male NPT, 400-1-2	22083
Swagelok® Connector to Male NPT, brass, 1/8 in. Swagelok, 1/4 in. male NPT, 200-1-4	22066
Swagelok® Connector to Male NPT, brass, 1/4 in. Swagelok, 1/4 in. male NPT, 400-1-4	21519
Swagelok® Connector to Male NPT, brass, 1/2 in. Swagelok, 1/4 in. male NPT, 810-1-4	25818
Swagelok® Connector to Male NPT, stainless steel, 1/8 in. Swagelok, 1/8 in. male NPT, 200-1-2	22084-U
Swagelok® Connector to Male NPT, stainless steel, 1/4 in. Swagelok, 1/8 in. male NPT, 400-1-2	22085-U
Swagelok® Connector to Male NPT, stainless steel, 1/8 in. Swagelok, 1/4 in. male NPT, 200-1-4	22067
Swagelok® Connector to Male NPT, stainless steel, 1/4 in. Swagelok, 1/4 in. male NPT, 400-1-4	22700-U
Swagelok® Connector to Male NPT, stainless steel, 1/2 in. Swagelok, 1/4 in. male NPT, 810-1-4	25830
Swagelok® 90 Degree Male Elbow, Swagelok®, 200-2-2, brass, 1/8 in. Swagelok, 1/8 in. male NPT	21970-U
Swagelok® 90 Degree Male Elbow, Swagelok®, 200-2-4, brass, 1/8 in. Swagelok, 1/4 in. male NPT	21971

Gas Chromatography (GC)
Gas Purification & Management

* Name	Catalog Number
Swagelok® 90 Degree Male Elbow, Swagelok®, 400-2-2, brass, 1/4 in. Swagelok, 1/8 in. male NPT	21972
Swagelok® 90 Degree Male Elbow, Swagelok®, 400-2-4, brass, 1/4 in. Swagelok, 1/4 in. male NPT	21973
Swagelok® 90 Degree Male Elbow, Swagelok®, 200-2-2, stainless steel, 1/8 in. Swagelok	21974
Swagelok® 90 Degree Male Elbow, Swagelok®, 400-2-2, stainless steel, 1/4 in. Swagelok, 1/8 in. male NPT	21976-U
Swagelok® 90 Degree Male Elbow, Swagelok®, 400-2-4, stainless steel, 1/4 in. Swagelok, 1/4 in. male NPT	21977-U
Swagelok® Fittings Kit	22668-U
Swagelok® Front Ferrule, Swagelok®, 103-1, brass, 1/16 in. Swagelok	22022-U
Swagelok® Front Ferrule, Swagelok®, 203-1, brass, 1/8 in. Swagelok	22012
Swagelok® Front Ferrule, Swagelok®, 403-1, brass, 1/4 in. Swagelok	22001
Swagelok® Front Ferrule, Swagelok®, 103-1, stainless steel, 1/16 in. Swagelok	22048-U
Swagelok® Front Ferrule, Swagelok®, 203-1, stainless steel, 1/8 in. Swagelok	22038
Swagelok® Front Ferrule, Swagelok®, 403-1, stainless steel, 1/4 in. Swagelok	22027
Swagelok® Gap Inspection Gauge	21984-U
Swagelok® Miniature Quick Connect Body Assembly, Swagelok®, QM2-B-200, fitting 1/8 in. Swagelok, brass	22712-U
Swagelok® Miniature Quick Connect Body Assembly, Swagelok®, QM2-B-200, fitting 1/8 in. Swagelok, stainless steel	22713
Swagelok® Miniature Quick Connect Stem Assembly, Swagelok®, QM2-S-200, brass, fitting 1/8 in. Swagelok	22710-U
Swagelok® Miniature Quick Connect Stem Assembly, Swagelok®, QM2-S-200, stainless steel, fitting 1/8 in. Swagelok	22711-U
Swagelok® Nut, Swagelok®, 102-1, brass, 1/16 in. Swagelok	22021
Swagelok® Nut, Swagelok®, 202-1, brass, 1/8 in. Swagelok	22011-U
Swagelok® Nut, Swagelok®, 402-1, brass, 1/4 in. Swagelok	22000-U
Swagelok® Nut, Swagelok®, 102-1, stainless steel, 1/16 in. Swagelok	22047
Swagelok® Nut, Swagelok®, 202-1, stainless steel, 1/8 in. Swagelok	22037
Swagelok® Nut, Swagelok®, 402-1, stainless steel, 1/4 in. Swagelok	22026
Swagelok® Nut, Front and Back Ferrule Set, Swagelok®, 100-S, brass, 1/16 in. Swagelok	22024
Swagelok® Nut, Front and Back Ferrule Set, Swagelok®, 200-S, brass, 1/8 in. Swagelok	22014
Swagelok® Nut, Front and Back Ferrule Set, Swagelok®, 400-S, brass, 1/4 in. Swagelok	22003
Swagelok® Nut, Front and Back Ferrule Set, Swagelok®, 100-S, stainless steel, 1/16 in. Swagelok	22050
Swagelok® Nut, Front and Back Ferrule Set, Swagelok®, 200-S, stainless steel, 1/8 in. Swagelok	22040-U
Swagelok® Nut, Front and Back Ferrule Set, Swagelok®, 400-S, stainless steel, 1/4 in. Swagelok	22029
Swagelok® Pipe Adapter, Swagelok®, 4-TA-1-2, brass, 1/4 in. tube, 1/8 in. male NPT	22100-U
Swagelok® Plug, Swagelok®, 100-P, brass, 1/16 in. Swagelok	22136-U
Swagelok® Plug, Swagelok®, 200-P, brass, 1/8 in. Swagelok	22019-U
Swagelok® Plug, Swagelok®, 400-P, brass, 1/4 in. Swagelok	22009
Swagelok® Plug, Swagelok®, 810-P, brass, 1/2 in. Swagelok	25814
Swagelok® Plug, Swagelok®, 100-P, stainless steel, 1/16 in. Swagelok	22137-U

* Name	Catalog Number
Swagelok® Plug, Swagelok®, 200-P, stainless steel, 1/8 in. Swagelok	22045-U
Swagelok® Plug, Swagelok®, 400-P, stainless steel, 1/4 in. Swagelok	22035-U
Swagelok® Port Connector, Swagelok®, 201-PC, brass, 1/8 in. Swagelok	22688
Swagelok® Port Connector, Swagelok®, 401-PC, brass, 1/4 in. Swagelok	22690-U
Swagelok® Port Connector, Swagelok®, 401-PC-2, brass, 1/8 in. tube	22094-U
Swagelok® Port Connector, Swagelok®, 201-PC, stainless steel, 1/8 in. Swagelok	22689
Swagelok® Port Connector, Swagelok®, 401-PC-2, stainless steel, 1/8 in. tube, pkg of 2 ea	22095-U
Swagelok® PTFE Ferrules, PTFE front ferrule, Swagelok for 1/4 in. tubing	22054
Swagelok® PTFE Ferrules, PTFE back ferrule, Swagelok for 1/4 in. tubing	22055-U
Swagelok® PTFE Ferrules, PTFE front ferrule, Swagelok for 1/8 in. tubing	22058
Swagelok® PTFE Ferrules, PTFE back ferrule, Swagelok for 1/8 in. tubing	22059
Swagelok® PTFE Ferrules, PTFE front ferrule, Swagelok for 1/16 in. tubing	22068
Swagelok® PTFE Ferrules, PTFE back ferrule, Swagelok for 1/16 in. tubing	22069
Swagelok® Reducer, Swagelok®, 100-R-2, brass, 1/16 in. Swagelok, 1/8 in. tube	22017-U
Swagelok® Reducer, Swagelok®, 100-R-4, brass, 1/16 in. Swagelok, 1/4 in. tube	22701
Swagelok® Reducer, Swagelok®, 200-R-4, brass, 1/8 in. Swagelok, 1/4 in. tube	22006
Swagelok® Reducer, Swagelok®, 400-R-2, brass, 1/4 in. Swagelok, 1/8 in. tube	21516
Swagelok® Reducer, Swagelok®, 400-R-8, brass, 1/4 in. Swagelok, 1/2 in. tube	25815
Swagelok® Reducer, Swagelok®, 100-R-2, stainless steel, 1/16 in. Swagelok, 1/8 in. tube	22043
Swagelok® Reducer, Swagelok®, 100-R-4, stainless steel, 1/16 in. Swagelok, 1/4 in. tube	22702
Swagelok® Reducer, Swagelok®, 200-R-4, stainless steel, 1/8 in. Swagelok, 1/4 in. tube	22032
Swagelok® Reducer, stainless steel, 1/4 in. Swagelok, 1/8 in. tube	21517
Swagelok® Reducer, Swagelok®, 400-R-8, stainless steel, 1/4 in. Swagelok, 1/2 in. tube	25827
Swagelok® Reducing Union, Swagelok®, 200-6-1, brass, 1/8 in. Swagelok	22016
Swagelok® Reducing Union, Swagelok®, 300-6-2, brass, 3/16 in. Swagelok	22072
Swagelok® Reducing Union, Swagelok®, 400-6-1, brass, 1/4 in. Swagelok	22074
Swagelok® Reducing Union, Swagelok®, 400-6-2, brass, 1/4 in. Swagelok	22005
Swagelok® Reducing Union, Swagelok®, 810-6-2, brass, 1/2 in. Swagelok, 1/8 in. Swagelok	22714
Swagelok® Reducing Union, Swagelok®, 810-6-4, brass, 1/4 in. Swagelok	22716
Swagelok® Reducing Union, Swagelok®, 200-6-1, stainless steel, 1/16 in. Swagelok, 1/8 in. Swagelok	22042-U
Swagelok® Reducing Union, Swagelok®, 400-6-1, stainless steel, 1/4 in. Swagelok, 1/16 in. Swagelok	22075-U
Swagelok® Reducing Union, Swagelok®, 400-6-2, stainless steel, 1/4 in. Swagelok, 1/8 in. Swagelok	22031
Swagelok® Reducing Union, Swagelok®, 400-6-3, stainless steel, 3/16 in. Swagelok, 1/4 in. Swagelok	22077-U
Swagelok® Tee, Swagelok®, 100-3, brass, 1/16 in. Swagelok	22132-U
Swagelok® Tee, Swagelok®, 200-3, brass, 1/8 in. Swagelok	22020-U

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Gas Chromatography (GC)

Gas Purification & Management

* Name	Catalog Number
Swagelok® Tee, Swagelok®, 400-3, brass, ¼ in. Swagelok	22010-U
Swagelok® Tee, Swagelok®, 810-3, brass, ½ in. Swagelok	25817
Swagelok® Tee, Swagelok®, 100-3, stainless steel, ⅙ in. Swagelok	22133-U
Swagelok® Tee, Swagelok®, 200-3, stainless steel, ⅛ in. Swagelok	22046
Swagelok® Tee, Swagelok®, 400-3, stainless steel, ¼ in. Swagelok	22036
Swagelok® Tee, Swagelok®, 810-3, stainless steel, ½ in. Swagelok	25829
Swagelok® Tee Wrench ¼ in.	21983-U
Swagelok® Union, Swagelok®, 100-6, brass, ⅙ in.	22025
Swagelok® Union, Swagelok®, 200-6, brass, ⅛ in.	22015
Swagelok® Union, Swagelok®, 400-6, brass, ¼ in.	22004
Swagelok® Union, Swagelok®, 810-6, brass, ½ in.	25816
Swagelok® Union, Swagelok®, 100-6, stainless steel, ⅙ in.	22051-U
Swagelok® Union, Swagelok®, 200-6, stainless steel, ⅛ in., for connecting ⅙ to ⅛ in.	22041
Swagelok® Union, Swagelok®, 400-6, stainless steel, ¼ in.	22030-U
Swagelok® Union, Swagelok®, 810-6, stainless steel, ½ in.	25828
Swagelok® Union Cross, Swagelok®, 200-4, brass, ⅛ in. Swagelok	22684
Swagelok® Union Cross, Swagelok®, 400-4, brass, ¼ in. Swagelok	22686
Swagelok® Zero-Dead Volume Union, Swagelok®, I Of-6-GC, brass, ⅙ in.	22053-U
Swagelok® Zero-Dead Volume Union, Swagelok®, I Of-6-GC, stainless steel, ⅙ in.	22052
"T"-Type Gas Line Filter, brass, ¼ in. male	25806
"T"-Type Gas Line Filter, stainless steel, ⅙ in. male	25807
"T"-Type Gas Line Filter, stainless steel, ¼ in. male	25808
Universal Mounting Bracket	22131-U
Vernier Handle for Fine Metering Valve	22122
Zero Air Filter Element, Inlet	27774-U
Zero Air Filter Element, Outlet	27775-U
Zero Air Maintenance Kit, for use with Parker® ChromGas® ZA1000, 1001, 3500, 3501	22817

Liners

* Name	Catalog Number
Compact Adapter	22063
Conversion Kit for Adapting Packed GC to Capillary GC, port diam. 5 mm, sleeve L 5 in. (13 cm)	23640-U
Conversion Kit for Adapting Packed GC to Capillary GC, port diam. 1/4 in., sleeve L 5 in. (13 cm)	23799
Cool On-Column Injection Sleeve, 1 injection sleeve	20476
Cool On-Column Injection Sleeve Kit, 1 injection sleeve plus ¼ in. connecting hardware	23630
Injection Tee, size 6 in. (15 cm)	23666
Injection Tee, size 8 in. (20 cm)	23667
Injection Tee Kit, size 6 in. (15 cm)	23664
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 1 ea	2876601-U
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 5 ea	2876605-U
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 1 ea	2633901
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 1 ea	2637501

* Name	Catalog Number
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 5 ea	2637505
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 25 ea	2637525
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 1 ea	2637801
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 5 ea	2637805
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), SPME/Direct, pkg of 1 ea	2636401
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), SPME/Direct, pkg of 5 ea	2636405
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), SPME/Direct, pkg of 25 ea	2636425
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 1 ea	2635801
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 5 ea	2635805
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 25 ea	2635825
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 5 ea	2633905
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 25 ea	2633925
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 1 ea	2633501
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 5 ea	2633505
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 1 ea	2632901
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), pkg of 5 ea	2632905
Inlet Liner, Direct (SPME) Type, Straight Design (unpacked), technique used for SPME, pkg of 5 ea	2631205
Inlet Liner, Direct Type, Straight Design (unpacked), pkg of 1 ea	2875201-U
Inlet Liner, Direct Type, Straight Design (unpacked), pkg of 5 ea	2875205-U
Inlet Liner, Direct Type, Straight Design (unpacked), pkg of 1 ea	2637601
Inlet Liner, Direct Type, Straight Design (unpacked), pkg of 5 ea	2637605
Inlet Liner, Direct Type, Straight Design (unpacked)	2631405
Inlet Liner, Direct Type, Straight Design (unpacked), pkg of 1 ea	2051701
Inlet Liner, Direct Type, Straight Design (unpacked), pkg of 25 ea	2051725
Inlet Liner, Direct Type, Straight Design (unpacked), pkg of 1 ea	2636301
Inlet Liner, Direct Type, Straight Design (unpacked), pkg of 5 ea	2636305
Inlet Liner, Direct Type, Straight Design (unpacked), pkg of 25 ea	2636325
Inlet Liner, for Packed GC (unpacked), pkg of 5 ea	2631605
Inlet Liner, for Packed GC (unpacked), unpacked, pkg of 25 ea	2631625
Inlet Liner, for Packed GC (unpacked), pkg of 5 ea	20508
Inlet Liner, for Packed GC (unpacked), pkg of 25 ea	20511
Inlet Liner, for Packed GC (wool packed), wool packed, pkg of 5 ea	2631705
Inlet Liner, On-Column Type, Straight Design (unpacked), pkg of 1 ea	2875901-U
Inlet Liner, On-Column Type, Straight Design (unpacked), pkg of 5 ea	2875905-U
Inlet Liner, On-Column Type, Straight Design (unpacked), pkg of 5 ea	2631505
Inlet Liner, Packed Column, for PerkinElmer® 3920, pkg of 1 ea	26301
Inlet Liner, Splitless Type, Dual-Taper Design (unpacked), pkg of 1 ea	2048501

Gas Chromatography (GC)

Liners

* Name	Catalog Number
Inlet Liner, Splitless Type, Dual-Taper Design (unpacked), pkg of 5 ea	2048505
Inlet Liner, Splitless Type, Dual-Taper Design (unpacked), pkg of 25 ea	2048525
Inlet Liner, Splitless Type, Middle Gooseneck Design (unpacked), pkg of 1 ea	2877701-U
Inlet Liner, Splitless Type, Middle Gooseneck Design (unpacked), pkg of 5 ea	2877705-U
Inlet Liner, Splitless Type, Middle Gooseneck Design (unpacked), pkg of 1 ea	2878301-U
Inlet Liner, Splitless Type, Middle Gooseneck Design (unpacked), pkg of 5 ea	2878305-U
Inlet Liner, Splitless Type, Recessed Gooseneck Design (unpacked), pkg of 1 ea	2879301-U
Inlet Liner, Splitless Type, Recessed Gooseneck Design (unpacked), pkg of 5 ea	2879305-U
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 1 ea	2633801
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 5 ea	2633805
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 1 ea	2636801
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 5 ea	2633305
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 1 ea	2877301-U
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 5 ea	2877305-U
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 1 ea	2877401-U
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 5 ea	2877405-U
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 1 ea	2046601
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 5 ea	2046605
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 25 ea	2046625
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 1 ea	2878201-U
Inlet Liner, Splitless Type, Single Taper Design (unpacked), pkg of 5 ea	2878205-U
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2633001
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2633005
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2633405
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 25 ea	2633425
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2633601
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2633605
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 25 ea	2633625
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2633705
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 25 ea	2633725
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2050201
Inlet Liner, Splitless Type, Straight Design (unpacked), Splitless	2050205
Inlet Liner, Splitless Type, Straight Design (unpacked), Splitless, pkg of 25 ea	2050225
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2636101
Inlet Liner, Splitless Type, Straight Design (unpacked)	2636105

* Name	Catalog Number
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 25 ea	2636125
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2636201
Inlet Liner, Splitless Type, Straight Design (unpacked), Splitless, pkg of 5 ea	2636205
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2637101
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2637105
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 25 ea	2637125
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2637401
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2637405
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2051301
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2051305
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 25 ea	2051325
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2879401-U
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2879405-U
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 25 ea	2879425-U
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2632005
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2632105
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2875801-U
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2875805-U
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2878701-U
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2878705-U
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2631301
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2631305
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 25 ea	2631325
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2631105
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2630901
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2630905
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 25 ea	2630925
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2630401
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2630301
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2876101-U
Inlet Liner, Splitless Type, Straight Design (unpacked), Split for ThermoQuest 8000 and TRACE™, straight through, pkg of 1 ea	2876701-U
Inlet Liner, Splitless Type, Straight Design (unpacked), Split for ThermoQuest 8000 and TRACE™, straight through, pkg of 5 ea	2876705-U
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 1 ea	2877101-U
Inlet Liner, Splitless Type, Straight Design (unpacked), pkg of 5 ea	2877105-U

* Name	Catalog Number
Inlet Liner, Split Type, Cup Design (unpacked), pkg of 5 ea	2051005
Inlet Liner, Split Type, Cup Design (unpacked), pkg of 25 ea	2051025
Inlet Liner, Split Type, Cup Design (wool packed), pkg of 1 ea	2048201
Inlet Liner, Split Type, Cup Design (wool packed), pkg of 5 ea	2048205
Inlet Liner, Split Type, Cup Design (wool packed), pkg of 25 ea	2048225
Inlet Liner, Split Type, Frit Design (unpacked), pkg of 1 ea	2637201
Inlet Liner, Split Type, Frit Design (unpacked), pkg of 25 ea	2637225
Inlet Liner, Split Type, Frit Design (unpacked), pkg of 5 ea	2637205
Inlet Liner, Split Type, Frit Design (unpacked), pkg of 5 ea	2632605
Inlet Liner, Split Type, Frit Design (unpacked), pkg of 25 ea	2632625
Inlet Liner, Split Type, Frit Design (unpacked), pkg of 5 ea	2050505
Inlet Liner, Split Type, Frit Design (unpacked), pkg of 25 ea	2050525
Reducing Union for Direct Injection Conversion Kit, sleeve L 5 in. (13 cm)	23635
Reducing Union for Direct Injection Conversion Kit, sleeve L 4 in. (10 cm)	23652
Reducing Union for Direct Injection Conversion Kit, sleeve L 2 in. (5 cm), port diam. 1/8 in.	23657
Reducing Union for Direct Injection Conversion Kit, sleeve L 5 in. (13 cm)	23794
Reducing Union for Direct Injection Conversion Kit, sleeve L 7 in. (18 cm)	23795
Reducing Union (1/4 in. to 1/16 in.), 1 stainless steel reducing union 1/4 in. to 1/16 in.	23633

Packed

* Name	Catalog Number
Chromosorb® LC-7, 10 µm	C6267-10G
Chromosorb® LC-7, 5 µm	C6142-10G
Chromosorb® LC-8, 5 µm	C6392-10G
Chromosorb® LC-9, 10 µm	C6269-10G
Coated GC Packing, phase 0.2% Carbowax 1500, matrix 60/80 Carbowax C support, bottle of 15 g	11826
Coated GC Packing, phase 0.2% Carbowax 1500, matrix 80/100 Carbowax C support, bottle of 15 g	11827
Coated GC Packing, phase 0.3% Carbowax 20M + 0.1% H ₃ PO ₄ , matrix 60/80 Carbowax C support, bottle of 15 g	11825-U
Coated GC Packing, phase 4% Carbowax 20M + 0.8% KOH, matrix 60/80 Carbowax B support, bottle of 15 g	11887
Coated GC Packing, phase 4% Carbowax 20M, matrix 80/120 Carbowax B DA support, bottle of 15 g	11889
Coated GC Packing, phase 5% Carbowax 20M, matrix 40/60 Chromosorb T support, bottle of 50 g	11993
Coated GC Packing, phase 5% Carbowax 20M, matrix 60/80 Carbowax B support, bottle of 15 g	11766
Coated GC Packing, phase 5% Carbowax 20M, matrix 80/120 Carbowax B AW support, bottle of 15 g	11812-U
Coated GC Packing, phase 6.6% Carbowax 20M, matrix 80/120 Carbowax B AW support, bottle of 15 g	11814
Coated GC Packing, phase 1.5% OV-225 + 1% H ₃ PO ₄ , matrix 60/80 Carbowax B support, bottle of 10 g	1505-U
Coated GC Packing, phase 0.1% SP-1000, matrix 80/100 Carbowax C support, bottle of 15 g	11820
Coated GC Packing, phase 1% SP-1000, matrix 60/80 Carbowax B support, bottle of 15 g	11815

* Name	Catalog Number
Coated GC Packing, phase 3% SP-1500, matrix 80/120 Carbowax B support, bottle of 15 g	11813-U
Coated GC Packing, phase 1% SP-1510, matrix 60/80 Carbowax B support, bottle of 15 g	11809
Coated GC Packing, phase 0.8% THEED, matrix 80/100 Carbowax C support, bottle of 15 g	11880-U
Empty Glass GC Column, for Agilent® 5700 (Configuration "5"), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 4.0 mm	21637
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 2.0 ft (0.61 m) × 1/4 in. × 2.0 mm	21638
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 3.0 ft (0.91 m) × 1/4 in. × 2.0 mm	21838
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 3.3 ft (1.0 m) × 1/4 in. × 2.0 mm, TightSpec	21203-U
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 4.0 ft (1.2 m) × 1/4 in. × 4.0 mm	21839
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 4.0 ft (1.2 m) × 1/4 in. × 2.0 mm	21776
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 4.0 mm	21681
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	21641
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 4.0 mm, TightSpec	21815
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 2.0 mm, TightSpec	21814
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 7.9 ft (2.4 m) × 1/4 in. × 2.0 mm, TightSpec	21816
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, 7820, and 7890 (Configuration "A"), L × O.D. × I.D. 10.0 ft (3.0 m) × 1/4 in. × 2.0 mm	21683
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, and 7890 (Configuration "B"), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 4.0 mm	20500-U
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, and 7890 (Configuration "B"), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	20613
Empty Glass GC Column, for Agilent® 5880, 5890, 6890, and 7890 (Configuration "B"), L × O.D. × I.D. 10.0 ft (3.0 m) × 1/4 in. × 2.0 mm	21642
Empty Glass GC Column, for Carlo Erba 2100, L × O.D. × I.D. 6.0 ft (1.8 m) × 6.0 mm × 2.0 mm	20583-U
Empty Glass GC Column, for PerkinElmer® 115, 300, 900, 2000, and Sigma (Not On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 4.0 mm	21654
Empty Glass GC Column, for PerkinElmer® 115, 300, 900, 2000, and Sigma (Not On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	20487
Empty Glass GC Column, for PerkinElmer® 8000, 9000, AutoSystem, XL, and Clarus 500 (Not On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 4.0 mm, TightSpec	21806
Empty Glass GC Column, for PerkinElmer® 8000, 9000, AutoSystem, XL, and Clarus 500 (Not On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	21804
Empty Glass GC Column, for PerkinElmer® 8000, 9000, AutoSystem, XL, and Clarus 500 (Not On-Column), L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 2.0 mm, TightSpec	21179-U
Empty Glass GC Column, for PerkinElmer® 8000 and 9000 (On-Column), L × O.D. × I.D. 3.0 ft (0.91 m) × 1/4 in. × 2.0 mm	21739

3: Analytical Applications & Standards

Gas Chromatography (GC)

Packed

* Name	Catalog Number
Empty Glass GC Column, for Pye 104, 106, and 204 (On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 4.0 mm	21792
Empty Glass GC Column, for Shimadzu™ 7A, 9A, 12A, 14A, 14B, 15A, 16A, and 2014 (On-Column), L × O.D. × I.D. 3.3 ft (1.0 m) × 5.0 mm × 2.6 mm, TightSpec	21190-U
Empty Glass GC Column, for Shimadzu™ 7A, 9A, 12A, 14A, 14B, 15A, 16A, and 2014 (On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 5.0 mm × 3.0 mm, TightSpec	21192-U
Empty Glass GC Column, for Shimadzu™ 7A, 9A, 12A, 14A, 14B, 15A, 16A, and 2014 (On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 5.0 mm × 3.0 mm	21538
Empty Glass GC Column, for Shimadzu™ 7A, 9A, 12A, 14A, 14B, 15A, 16A, and 2014 (On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 5.0 mm × 2.6 mm, TightSpec	21191-U
Empty Glass GC Column, for Shimadzu™ 7A, 9A, 12A, 14A, 14B, 15A, 16A, and 2014 (On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 5.0 mm × 2.6 mm	21879-U
Empty Glass GC Column, for Shimadzu™ 7A, 9A, 12A, 14A, 14B, 15A, 16A, and 2014 (On-Column), L × O.D. × I.D. 8.2 ft (2.5 m) × 5.0 mm × 2.6 mm	21880-U
Empty Glass GC Column, for Shimadzu™ 8A and 8A1F, L × O.D. × I.D. 6.6 ft (2.0 m) × 5.0 mm × 3.0 mm	21633
Empty Glass GC Column, for Shimadzu™ Mini-GC (On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 5.0 mm × 3.0 mm	20609
Empty Glass GC Column, for Tracor 540, 560, 565, 570, and 585 (Not On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	21588
Empty Glass GC Column, for Varian® 3000, 4000, 6000, and Vista™ (FID, Inj. A to Det. A, On-Column), L × O.D. × I.D. 3.3 ft (1.0 m) × 1/4 in. × 2.0 mm, TightSpec	21207
Empty Glass GC Column, for Varian® 3000, 4000, 6000, and Vista™ (FID, Inj. A to Det. A, On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 4.0 mm	21722
Empty Glass GC Column, for Varian® 3000, 4000, 6000, and Vista™ (FID, Inj. A to Det. A, On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	21721
Empty Glass GC Column, for Varian® 3000, 4000, 6000, and Vista™ (FID, Inj. A to Det. A, On-Column), L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 4.0 mm, TightSpec	21194-U
Empty Glass GC Column, for Varian® 3000, 4000, 6000, and Vista™ (FID, Inj. A to Det. A, On-Column), L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 2.0 mm, TightSpec	21181-U
Empty Glass GC Column, for Varian® 3000, 4000, 6000, and Vista™ (FID, Inj. A to Det. A, On-Column), L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 2.0 mm, TightSpec	21829
Empty Glass GC Column, for Varian® 3000, 4000, 6000, and Vista™ (FID, Inj. A to Det. A, On-Column), L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 2.0 mm	21853-U
Empty Glass GC Column, for Varian® 3300 and 3400 (FID, Inj. B to Det. B, On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	20841
Empty Glass GC Column, for Varian®, Universal for 3000, 4000, 6000, and Vista™ (On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 4.0 mm	20847
Empty Glass GC Column, for Varian®, Universal for 3000, 4000, 6000, and Vista™ (On-Column), L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	20845
Empty Glass GC Column, for Varian®, Universal for 3000, 4000, 6000, and Vista™ (On-Column), L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 2.0 mm	21882-U
Empty Stainless Steel GC Column, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	13096-U
Empty Stainless Steel GC Column, L × O.D. × I.D. 8.0 ft (2.4 m) × 1/8 in. × 2.1 mm	13097-U
Empty Stainless Steel GC Column, L × O.D. × I.D. 12.0 ft (3.6 m) × 1/8 in. × 2.1 mm	13099-U
Empty Stainless Steel GC Column, L × O.D. × I.D. 20.0 ft (6.1 m) × 1/8 in. × 2.1 mm	13100-U

* Name	Catalog Number
GC Stationary Phase, phase Carbowax 1540, pkg of 50 g	21028
GC Stationary Phase, phase Carbowax 20M, bottle of 50 g	21032
GC Stationary Phase, phase DC-200, bottle of 250 mL	85377-250ML
GC Stationary Phase, phase DC-550, bottle of 50 mL	85378-50ML
GC Stationary Phase, phase DC-710, bottle of 100 mL	85427-100ML
GC Stationary Phase, phase DC QF-1 (FS 1265), bottle of 50 g	21098-U
GC Stationary Phase, phase Diethylene glycol succinate (DEGS), bottle of 25 g	11045
GC Stationary Phase, phase Dinonyl phthalate, bottle of 25 mL	80151-25ML
GC Stationary Phase, phase Ethylene glycol adipate (EGA), bottle of 25 g	11060
GC Stationary Phase, phase Free fatty acid phase (FFAP), bottle of 10 g	21063-U
GC Stationary Phase, phase OV-1, bottle of 10 g	21104
GC Stationary Phase, phase OV-17, bottle of 25 g	21105
GC Stationary Phase, phase OV-25, bottle of 10 g	21234
GC Stationary Phase, phase OV-101, bottle of 20 g	21228
GC Stationary Phase, phase OV-225, bottle of 5 g	21241
GC Stationary Phase, phase OV-275, bottle of 5 g	21278-U
GC Stationary Phase, phase β,β-Oxydipropionitrile, bottle of 50 g	21086
GC Stationary Phase, phase PS 347.5, bottle of 50 mL	85392-50ML
GC Stationary Phase, phase SE-30, bottle of 10 g	21099-U
GC Stationary Phase, phase SE-54, bottle of 50 g	21106
GC Stationary Phase, phase SP-1200, bottle of 10 g	21263
GC Stationary Phase, phase SP-2100, bottle of 10 g	21284-U
GC Stationary Phase, phase Synperonic PE/F68, bottle of 50 g	81112-50G
GC Stationary Phase, phase Synperonic PE/L64, bottle of 10 mL	81114-10ML
GC Stationary Phase, phase 1,2,3-tris(2-Cyanoethoxy) propane (TCEP), bottle of 50 g	21217
GC Stationary Phase, phase Triton X-100, bottle of 50 g	21123
General Purpose Adsorbent, matrix Davison Grade 12 Silica Gel, 60-80 mesh, bottle of 100 g	20290-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 4% Carbowax 20M + 0.8% KOH, matrix 60/80 Carbowax B support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	26030-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 4% Carbowax 20M + 0.8% KOH, matrix 60/80 Carbowax C support, L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 2.0 mm, TightSpec	26021
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 4% Carbowax 20M, matrix 80/120 Carbowax B DA support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	25936
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 4% Carbowax 20M, matrix 80/120 Carbowax B DA support, L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 2.0 mm, TightSpec	23110-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 5% Carbowax 20M, matrix 60/80 Carbowax B support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	26048
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 5% Carbowax 20M, matrix 60/80 Carbowax B support, L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 2.0 mm, TightSpec	26039
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 5% Carbowax 20M, matrix 80/120 Carbowax B AW support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/4 in. × 2.0 mm	25953
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 5% Carbowax 20M, matrix 80/120 Carbowax B AW support, L × O.D. × I.D. 6.6 ft (2.0 m) × 1/4 in. × 2.0 mm, TightSpec	25945

* Name	Catalog Number
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 10% Carbowax 20M, matrix 80/100 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	13088-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 20% Carbowax 20M, matrix 100/120 Chromosorb W AW support, L x O.D. x I.D. 6.6 ft (2.0 m) x 1/4 in. x 4.0 mm, Preconditioned	12474-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 3% OV-17, matrix 80/100 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	13085-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 10% OV-17, matrix 100/120 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	13084-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 3% OV-101, matrix 100/120 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	13087-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 10% OV-101, matrix 80/100 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	13086-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 0.1% SP-1000, matrix 80/100 Carbopack C support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	26012
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 1% SP-1000, matrix 60/80 Carbopack B support, L x O.D. x I.D. 6.6 ft (2.0 m) x 1/4 in. x 2.0 mm, TightSpec	23093
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 1% SP-1000, matrix 60/80 Carbopack B support, L x O.D. x I.D. 7.9 ft (2.4 m) x 1/4 in. x 2.0 mm, TightSpec	23084
Glass Packed GC Column (fits Agilent, Configuration "A"), phase 1.5% SP-2250 + 1.95% SP-2401, matrix 100/120 SUPELCOPORT support, L x O.D. x I.D. 6.6 ft (2.0 m) x 1/4 in. x 4.0 mm, TightSpec	23077
Glass Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 Chromosorb 102 support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	13082-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 Porapak Q support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	13093-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 Porapak QS support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	13094-U
Glass Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 100/120 Porapak S support, L x O.D. x I.D. 6.6 ft (2.0 m) x 1/4 in. x 4.0 mm, Preconditioned	12481-U
Glass Packed GC Column (fits Agilent, Configuration "C"), phase 10% Carbowax 20M, matrix 100/120 SUPELCOPORT support, L x O.D. x I.D. 6.6 ft (2.0 m) x 1/4 in. x 2.0 mm, Preconditioned	12478-U
Glass Packed GC Column (fits Agilent, Configuration "C"), phase none, matrix 50/80 Porapak Q support, L x O.D. x I.D. 6.6 ft (2.0 m) x 1/4 in. x 2.0 mm, Preconditioned	12483-U
Glass Packed GC Column (fits PerkinElmer®), phase 5% Carbowax 20M, matrix 80/120 Carbopack B AW support, L x O.D. x I.D. 6.6 ft (2.0 m) x 1/4 in. x 2.0 mm, TightSpec	25947
Glass Packed GC Column (fits Varian®), phase 4% Carbowax 20M, matrix 80/120 Carbopack B DA support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	25942
Glass Packed GC Column (fits Varian®), phase 3% SP-2100, matrix 100/120 SUPELCOPORT support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/4 in. x 2.0 mm	23858
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 0.2% Carbowax 1500, matrix 80/100 Carbopack C support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	12506-U

* Name	Catalog Number
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 5% Carbowax 20M, matrix 80/100 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13128-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 10% Carbowax 20M, matrix 80/100 Chromosorb W AW support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	12785-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 10% Carbowax 20M, matrix 80/100 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13126-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 25% DC-200 (350 cstks), matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 15.0 ft (4.6 m) x 1/8 in. x 2.1 mm	13039-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 35% DC-200 (350 cstks), matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 5.0 ft (1.5 m) x 1/8 in. x 2.1 mm	13044-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 35% DC-200 (350 cstks), matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 10.0 ft (3.0 m) x 1/8 in. x 2.1 mm	13064-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 35% DC-200 (500 cstks), matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 3.0 ft (0.91 m) x 1/8 in. x 2.1 mm	13019-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 10% OV-1, matrix 80/100 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13106-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 5% OV-17, matrix 80/100 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13114-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 10% OV-101, matrix 60/80 Chromosorb W HP support, L x O.D. x I.D. 2.6 ft (0.79 m) x 1/8 in. x 2.1 mm	13031-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 10% OV-101, matrix 80/100 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13115-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 10% OV-101, matrix 100/120 Chromosorb W HP support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13116-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 20% OV-101, matrix 80/100 Chromosorb W HP support, L x O.D. x I.D. 4.0 ft (1.2 m) x 1/8 in. x 2.1 mm	13035-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 20% Sebaconitrile, matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 2.0 ft (0.61 m) x 1/8 in. x 2.1 mm	13014-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 20% Sebaconitrile, matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 2.0 ft (0.61 m) x 1/8 in. x 2.1 mm	13059-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 20% Sebaconitrile, matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 30.0 ft (9.1 m) x 1/8 in. x 2.1 mm	13043-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 20% Sebaconitrile + 2% H ₃ PO ₄ , matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 30.0 ft (9.1 m) x 1/8 in. x 2.1 mm	13066-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 0.1% SP-1000, matrix 80/100 Carbopack C support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	12500-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 1% SP-1000, matrix 60/80 Carbopack B support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	12487

3: Analytical Applications & Standards

Gas Chromatography (GC)

Packed

* Name	Catalog Number
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 1% SP-1000, matrix 60/80 Carbowax B support, L x O.D. x I.D. 8.0 ft (2.4 m) x 1/8 in. x 2.1 mm	12548-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 10% SP-1000, matrix 80/100 SUPEL-COPORT support, L x O.D. x I.D. 20.0 ft (6.1 m) x 1/8 in. x 2.1 mm	12794-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 3% SP-1500, matrix 80/120 Carbowax B support, L x O.D. x I.D. 10.0 ft (3.0 m) x 1/8 in. x 2.1 mm	12594
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 10% SP-2100, matrix 80/100 SUPEL-COPORT support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	12801-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 20% SP-2100 + 0.1% Carbowax 1500, matrix 100/120 SUPELCOPORT support, L x O.D. x I.D. 10.0 ft (3.0 m) x 1/8 in. x 2.1 mm	12804-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 25% SP-2100, matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 5.7 ft (1.7 m) x 1/16 in. x 0.75 mm	12995-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 20% TCEP, matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 1.8 ft (0.55 m) x 1/16 in. x 0.75 mm	12873
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 20% TCEP, matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 15.0 ft (4.6 m) x 1/8 in. x 2.1 mm	13034-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 10% UCW-98, matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 1.7 ft (0.52 m) x 1/8 in. x 2.1 mm	13041-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase 12% UCW-98, matrix 80/100 Chromosorb P AW support, L x O.D. x I.D. 2.0 ft (0.61 m) x 1/8 in. x 2.1 mm	13049-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 40/60 Carboxen-1000 support, L x O.D. x I.D. 5.0 ft (1.5 m) x 1/8 in. x 2.1 mm	12382
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 60/80 Carboxen-1000 support, L x O.D. x I.D. 15.0 ft (4.6 m) x 1/8 in. x 2.1 mm	12392-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 HayeSep N support, L x O.D. x I.D. 8.0 ft (2.4 m) x 1/8 in. x 2.1 mm	13067-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 HayeSep N support, L x O.D. x I.D. 20.0 ft (6.1 m) x 1/8 in. x 2.1 mm	13021-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 HayeSep Q support, L x O.D. x I.D. 1.7 ft (0.52 m) x 1/8 x 2.1 mm, Both ends packed full	14066-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 HayeSep Q support, L x O.D. x I.D. 3.0 ft (0.91 m) x 1/8 in. x 2.1 mm	13018-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 HayeSep Q support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13803-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 HayeSep Q support, L x O.D. x I.D. 10.0 ft (3.0 m) x 1/8 in. x 2.1 mm	13038-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 45/60 Molecular Sieve 5A support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13130-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 60/80 Molecular Sieve 5A support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13133-U

* Name	Catalog Number
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 100/120 Molecular Sieve 5A support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	12484-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 45/60 Molecular Sieve 13X support, L x O.D. x I.D. 2.0 ft (0.61 m) x 1/8 in. x 2.1 mm	13069-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 45/60 Molecular Sieve 13X support, L x O.D. x I.D. 3.0 ft (0.91 m) x 1/8 in. x 2.1 mm	13047-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 45/60 Molecular Sieve 13X support, L x O.D. x I.D. 4.0 ft (1.2 m) x 1/8 in. x 2.1 mm	13061-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 45/60 Molecular Sieve 13X support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13134-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 45/60 Molecular Sieve 13X support, L x O.D. x I.D. 10.0 ft (3.0 m) x 1/8 in. x 2.1 mm	13036-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 60/80 Molecular Sieve 13X support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13136-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 Porapak N support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13063-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 Porapak N support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13141-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 Porapak N support, L x O.D. x I.D. 10.0 ft (3.0 m) x 1/8 in. x 2.1 mm	13052-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 50/80 Porapak Q support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13232-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 50/80 Porapak Q support, L x O.D. x I.D. 8.0 ft (2.4 m) x 1/8 in. x 2.1 mm	13247-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 Porapak Q support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	12792-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 Porapak Q support, L x O.D. x I.D. 9.0 ft (2.7 m) x 1/8 in. x 2.1 mm	13016-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 80/100 Porapak R support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13156-U
Metal Packed GC Column (fits Agilent, Configuration "A"), phase none, matrix 60/80 Tenax TA support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	12554
Metal Packed GC Column (fits Agilent, Configuration "C"), phase none, matrix 80/100 HayeSep Q support, L x O.D. x I.D. 3.0 ft (0.91 m) x 1/8 in. x 2.1 mm	14068-U
Metal Packed GC Column (fits Agilent, Configuration "C"), phase none, matrix 80/100 HayeSep Q support, L x O.D. x I.D. 3.0 ft (0.91 m) x 1/8 in. x 2.1 mm	14069-U
Metal Packed GC Column (fits Agilent, Configuration "C"), phase none, matrix 60/80 Molecular Sieve 5A support, L x O.D. x I.D. 8.0 ft (2.4 m) x 1/8 in. x 2.1 mm	14067-U
Metal Packed GC Column (fits Agilent, Configuration "C"), phase none, matrix 80/100 Porapak Q support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm, Preconditioned	14065-U
Metal Packed GC Column (fits PerkinElmer®), phase 0.1% SP-1000, matrix 80/120 Carbowax C support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13736-U
Metal Packed GC Column (fits PerkinElmer®), phase 3% SP-1500, matrix 80/120 Carbowax B support, L x O.D. x I.D. 10.0 ft (3.0 m) x 1/8 in. x 2.1 mm	13734-U

Gas Chromatography (GC)

Packed

* Name	Catalog Number
Metal Packed GC Column (fits PerkinElmer®), phase none, matrix 80/100 Porapak Q support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	13785
Metal Packed GC Column (fits Varian®), phase 1% SP-1000, matrix 60/80 Carboxen B support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	12489
Metal Packed GC Column (fits Varian®), phase 1% SP-1000, matrix 60/80 Carboxen B support, L × O.D. × I.D. 8.0 ft (2.4 m) × 1/8 in. × 2.1 mm	12545-U
Metal Packed GC Column (fits Varian®), phase 3% SP-1500, matrix 80/120 Carboxen B support, L × O.D. × I.D. 10.0 ft (3.0 m) × 1/8 in. × 2.1 mm	12596
Metal Packed GC Column (fits Varian®), phase 10% SP-2100, matrix 100/120 SUPELCOPORT support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	12771
Metal Packed GC Column (fits Varian®), phase none, matrix 60/80 Carboxen-1000 support, L × O.D. × I.D. 15.0 ft (4.6 m) × 1/8 in. × 2.1 mm	12394
Metal Packed GC Column (fits Varian®), phase none, matrix 80/100 Porapak Q support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	12469
Metal Packed GC Column (General Configuration), phase 0.2% Carbowax 1500, matrix 60/80 Carboxen C support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	13860-U
Metal Packed GC Column (General Configuration), phase 5% Carbowax 20M, matrix 60/80 Carboxen B support, L × O.D. × I.D. 3.0 ft (0.91 m) × 1/16 in. × 1.25 mm, Preconditioned	12087-U
Metal Packed GC Column (General Configuration), phase 10% Carbowax 20M, matrix 80/100 SUPELCOPORT support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	12713
Metal Packed GC Column (General Configuration), phase 10% Carbowax 20M, matrix 80/100 Chromosorb W AW support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	12212
Metal Packed GC Column (General Configuration), phase 1.2% DC-200 (500 cstk), matrix 80/100 Chromosorb P NAW support, L × O.D. × I.D. 1.7 ft (0.52 m) × 1/8 in. × 2.1 mm	13978-U
Metal Packed GC Column (General Configuration), phase 1.2% DC-200 (500 cstk), matrix 80/100 Chromosorb P NAW support, L × O.D. × I.D. 2.5 ft (0.76 m) × 1/8 in. × 2.1 mm	13986-U
Metal Packed GC Column (General Configuration), phase 30% DC-200 (500 cstk), matrix 80/100 Chromosorb P NAW support, L × O.D. × I.D. 1.3 ft (0.40 m) × 1/8 in. × 2.1 mm	13984-U
Metal Packed GC Column (General Configuration), phase 30% DC-200 (500 cstk), matrix 80/100 Chromosorb P NAW support, L × O.D. × I.D. 1.5 ft (0.46 m) × 1/8 in. × 2.1 mm	13976-U
Metal Packed GC Column (General Configuration), phase 30% DC-200 (500 cstk), matrix 80/100 Chromosorb P NAW support, L × O.D. × I.D. 24.0 ft (7.3 m) × 1/8 in. × 2.1 mm	13977-U
Metal Packed GC Column (General Configuration), phase 5% Fluorcol, matrix 60/80 Graphitized Carbon Black support, L × O.D. × I.D. 10.0 ft (3.0 m) × 1/8 in. × 2.1 mm	12425
Metal Packed GC Column (General Configuration), phase 5% Krytox 143AC, matrix 60/80 Carboxen B support, L × O.D. × I.D. 20.0 ft (6.1 m) × 1/8 in. × 1.7 mm	13271-U
Metal Packed GC Column (General Configuration), phase 5% Krytox 143AC, matrix 60/80 Carboxen B support, L × O.D. × I.D. 40.0 ft (12.2 m) × 1/8 in. × 1.7 mm	13273-U
Metal Packed GC Column (General Configuration), phase 30% Krytox 143AC, matrix 60/80 Chromosorb P NAW support, L × O.D. × I.D. 20.0 ft (6.1 m) × 1/8 in. × 1.7 mm	13274-U
Metal Packed GC Column (General Configuration), phase 30% Krytox 143AC, matrix 60/80 Chromosorb P NAW support, L × O.D. × I.D. 40.0 ft (12.2 m) × 1/8 in. × 1.7 mm	13277-U

* Name	Catalog Number
Metal Packed GC Column (General Configuration), phase 3% OV-17, matrix 80/100 SUPELCOPORT support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	12210
Metal Packed GC Column (General Configuration), phase 3% Petrocol B, matrix 80/100 SUPELCOPORT support, L × O.D. × I.D. 1.7 ft (0.52 m) × 1/8 in. × 2.1 mm	12449
Metal Packed GC Column (General Configuration), phase 10% Petrocol C, matrix 80/100 SUPELCOPORT support, L × O.D. × I.D. 1.7 ft (0.52 m) × 1/8 in. × 2.1 mm	12455
Metal Packed GC Column (General Configuration), phase 1% SP-1000, matrix 60/80 Carboxen B support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	12485-U
Metal Packed GC Column (General Configuration), phase 1% SP-1000, matrix 60/80 Carboxen B support, L × O.D. × I.D. 8.0 ft (2.4 m) × 1/8 in. × 2.1 mm	12543-U
Metal Packed GC Column (General Configuration), phase 10% SP-1000, matrix 80/100 SUPELCOPORT support, L × O.D. × I.D. 10.0 ft (3.0 m) × 1/8 in. × 2.1 mm	12537-U
Metal Packed GC Column (General Configuration), phase 10% SP-1000, matrix 80/100 SUPELCOPORT support, L × O.D. × I.D. 20.0 ft (6.1 m) × 1/8 in. × 2.1 mm	12719
Metal Packed GC Column (General Configuration), phase 3% SP-1500, matrix 80/120 Carboxen B support, L × O.D. × I.D. 10.0 ft (3.0 m) × 1/8 in. × 2.1 mm	12592
Metal Packed GC Column (General Configuration), phase 23% SP-1700, matrix 80/100 Chromosorb P AW support, L × O.D. × I.D. 30.0 ft (9.1 m) × 1/8 in. × 2.1 mm	12809-U
Metal Packed GC Column (General Configuration), phase 10% SP-2100, matrix 80/100 SUPELCOPORT support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	12429
Metal Packed GC Column (General Configuration), phase none, matrix 40/60 Carboxen-1000 support, L × O.D. × I.D. 2.0 ft (0.61 m) × 1/8 in. × 2.1 mm	12370-U
Metal Packed GC Column (General Configuration), phase none, matrix 40/60 Carboxen-1000 support, L × O.D. × I.D. 5.0 ft (1.5 m) × 1/8 in. × 2.1 mm	12380
Metal Packed GC Column (General Configuration), phase none, matrix 60/80 Carboxen-1000 support, L × O.D. × I.D. 15.0 ft (4.6 m) × 1/8 in. × 2.1 mm	12390-U
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 Chromosorb 102 support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	13794
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 HaySep D support, L × O.D. × I.D. 6.6 ft (2.0 m) × 1/16 in. × 0.75 mm	12917
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 HaySep Q support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	13801
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 HaySep R support, L × O.D. × I.D. 3.0 ft (0.91 m) × 1/16 in. × 1.25 mm, Preconditioned	12085-U
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 HaySep R support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/16 in. × 1.25 mm, Preconditioned	12086-U
Metal Packed GC Column (General Configuration), phase none, matrix 60/80 Molecular Sieve 5A support, L × O.D. × I.D. 6.0 ft (1.8 m) × 1/8 in. × 2.1 mm	13823
Metal Packed GC Column (General Configuration), phase none, matrix 60/80 Molecular Sieve 5A support, L × O.D. × I.D. 10.0 ft (3.0 m) × 1/8 in. × 2.1 mm	13830-U
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 Molecular Sieve 5A support, L × O.D. × I.D. 4.9 ft (1.5 m) × 1/16 in. × 1.25 mm	13166-U

3: Analytical Applications & Standards

Gas Chromatography (GC)

Packed

* Name	Catalog Number
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 Molecular Sieve 5A support, L x O.D. x I.D. 6.6 ft (2.0 m) x 1/16 in. x 0.75 mm	12959-U
Metal Packed GC Column (General Configuration), phase none, matrix 45/60 Molecular Sieve 13X support, L x O.D. x I.D. 10.0 ft (3.0 m) x 1/8 in. x 2.1 mm	13981-U
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 Porapak Q support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13037-U
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 Porapak Q support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	12437
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 Porapak Q support, L x O.D. x I.D. 10.0 ft (3.0 m) x 1/8 in. x 2.1 mm	13979-U
Metal Packed GC Column (General Configuration), phase none, matrix 80/100 Porapak QS support, L x O.D. x I.D. 6.0 ft (1.8 m) x 1/8 in. x 2.1 mm	13787
Packed GC Column Set, suitable for 2177 per GPA (3-column set)	13987-U
Packed GC Column Set, suitable for 2261 per GPA (3-column set)	13993-U
Packed GC Column Set, suitable for 2261 per GPA (5-column set)	13982-U
PTFE Packed GC Column (General Configuration), phase none, matrix Chromosil 310 support, L x O.D. x I.D. 8.0 ft (2.4 m) x 1/8 in. x 2.1 mm, Ends empty; middle 6 ft packed	11501-U
PTFE Packed GC Column (General Configuration), phase none, matrix Chromosil 330 support, L x O.D. x I.D. 8.0 ft (2.4 m) x 1/8 in. x 2.1 mm, Ends empty; middle 6 ft packed	11496

Septa

* Name	Catalog Number
GR-2 Rubber Sheet Stock, pkg of 1 ea	20420-U
GR-2 Septa, diam. 5 mm (3/16 in.), pkg of 100 ea	20712
GR-2 Septa, diam. 6 mm (1/4 in.)	20442-U
GR-2 Septa, diam. 9.5 mm (3/8 in.), pkg of 100 ea	20405
GR-2 Septa, pkg of 250 ea	20625
GR-2 Septa, pkg of 1000 ea	20627
GR-2 Septa, diam. 10 mm (13/32 in.)	20441
GR-2 Septa, diam. 11 mm (7/16 in.)	20421
GR-2 Septa, diam. 12.5 mm (1/2 in.)	20413
Merlin Microseal™ System (fits Agilent), 1 nut and 1 Low Pressure (1-45 psi) septum	22584
Merlin Microseal™ System (fits Agilent), 1 nut and 2 Low Pressure (1-45 psi) septa	22581-U
Merlin Microseal™ System (fits Agilent), 1 nut and 1 General Purpose (3-100 psi) septum	24815-U
Merlin Microseal™ System (fits Agilent), 1 nut and 2 General Purpose (3-100 psi) septa	24814-U
Merlin Microseal™ System (fits Agilent), 1 nut	22582
Merlin Microseal™ System (fits Varian®), For 1079 injector; 1 nut, 1 inlet adapter, 1 o-ring, and 1 General Purpose (3-100 psi) septum	24817-U
Merlin Microseal™ System (fits Varian®), For CP-1177 injector; 1 nut, 1 inlet adapter, 1 o-ring, and 1 General Purpose (3-100 psi) septum	22609-U
Merlin Microseal™ System Replacement Septum, 1 Low Pressure (1-45 psi) septum	22583
Merlin Microseal™ System Replacement Septum, 1 General Purpose (3-100 psi) septum	24816-U
Merlin Microseal™ System Replacement Septum, 1 SPME septum	24818-U
Molded Thermogreen® LB-2 Septa, solid discs, diam. 9.5 mm, pkg of 50 ea	28670-U

* Name	Catalog Number
Molded Thermogreen® LB-2 Septa, solid discs, diam. 9.5 mm, pkg of 250 ea	28671-U
Molded Thermogreen® LB-2 Septa, solid discs, diam. 10 mm, pkg of 50 ea	28673-U
Molded Thermogreen® LB-2 Septa, solid discs, diam. 10 mm, pkg of 250 ea	28675-U
Molded Thermogreen® LB-2 Septa, solid discs, diam. 11 mm, pkg of 50 ea	28676-U
Molded Thermogreen® LB-2 Septa, solid discs, diam. 11 mm, pkg of 250 ea	28678-U
Molded Thermogreen® LB-2 Septa, solid discs, diam. 11.5 mm, pkg of 50 ea	29449-U
Molded Thermogreen® LB-2 Septa, solid discs, diam. 11.5 mm, pkg of 250 ea	29451-U
Molded Thermogreen® LB-2 Septa, solid discs, diam. 17 mm, pkg of 50 ea	29456-U
Molded Thermogreen® LB-2 Septa, solid discs, diam. 17 mm, pkg of 250 ea	29457-U
Molded Thermogreen® LB-2 Septa, with injection hole, diam. 9.5 mm, pkg of 50 ea	28331-U
Molded Thermogreen® LB-2 Septa, with injection hole, diam. 9.5 mm, pkg of 250 ea	28332-U
Molded Thermogreen® LB-2 Septa, with injection hole, diam. 10 mm, pkg of 50 ea	28333-U
Molded Thermogreen® LB-2 Septa, with injection hole, diam. 10 mm, pkg of 250 ea	28334-U
Molded Thermogreen® LB-2 Septa, with injection hole, diam. 11 mm, pkg of 50 ea	28336-U
Molded Thermogreen® LB-2 Septa, with injection hole, diam. 11 mm, pkg of 250 ea	28338-U
Molded Thermogreen® LB-2 Septa, with injection hole, diam. 11.5 mm, pkg of 50 ea	29446-U
Molded Thermogreen® LB-2 Septa, with injection hole, diam. 11.5 mm, pkg of 250 ea	29448-U
Molded Thermogreen® LB-2 Septa, with injection hole, diam. 17 mm, pkg of 50 ea	29452-U
Molded Thermogreen® LB-2 Septa, with injection hole, diam. 17 mm, pkg of 250 ea	29453-U
Pyrosep™ S-1 Septa, diam. 9.5 mm (3/8 in.)	22370-U
Septa For Gas Chromatography, Septa 77, diam. 3/8 in.	2235954-25EA 2235954-50EA
Septa For Gas Chromatography, Septa 77	2235970-25EA 2235970-50EA
Septa For Gas Chromatography, Puresep P, diam. 7/16 in.	2236047-50EA
Septum inserter for Mininert® Valve, Tool for inserting septa, pkg of 1 ea	33311
SS-174 PTFE-Faced Septa, diam. 6 mm (1/4 in.)	22654
SS-174 PTFE-Faced Septa, diam. 9.5 mm (3/8 in.), pkg of 100 ea	22656
SS-174 PTFE-Faced Septa, diam. 9.5 mm (3/8 in.)	22618
SS-174 PTFE-Faced Septa, diam. 10 mm (13/32 in.)	22647
SS-174 PTFE-Faced Septa, diam. 11 mm (7/16 in.)	22731
SS-174 PTFE-Faced Septa, diam. 12.5 mm (1/2 in.)	22657
SS-174 PTFE-Faced Septa, diam. 14 mm (9/16 in.)	22732
Thermogreen® LB-1 Septa, cylindrical, septum type, cylindrical with half-hole, pkg of 100 ea	20668
Thermogreen® LB-1 Septa, solid discs, diam. 10 mm (13/32 in.)	20657-U
Thermogreen® LB-1 Septa, solid discs, diam. 11 mm (7/16 in.)	20658
Thermogreen® LB-1 Septa, solid discs, diam. 12.5 mm (1/2 in.)	20661
Thermogreen® LB-2 Septa, plug, Shimadzu plug, pkg of 50 ea	20633
Thermogreen® LB-2 Septa, plug, Shimadzu plug, pkg of 10 ea	20608
Thermogreen® LB-2 Septa, pre-drilled, diam. 9.5 mm (3/8 in.), pkg of 50 ea	23162-U

* Name	Catalog Number
Thermogreen® LB-2 Septa, pre-drilled, diam. 11 mm (7/16 in.), pkg of 25 ea	23167
Thermogreen® LB-2 Septa, pre-drilled, diam. 9.5 mm (3/8 in.), pkg of 25 ea	23161
Thermogreen® LB-2 Septa, pre-drilled, diam. 11 mm (7/16 in.), pkg of 50 ea	23168
Thermogreen® LB-2 Septa, solid discs, diam. 5 mm (3/16 in.), pkg of 50 ea	20638
Thermogreen® LB-2 Septa, solid discs, diam. 6 mm (1/4 in.), pkg of 50 ea	20651
Thermogreen® LB-2 Septa, solid discs, diam. 6.7 mm (9/32 in.), pkg of 10 ea	20606
Thermogreen® LB-2 Septa, solid discs, diam. 9 mm (11/32 in.), pkg of 5 ea	28006-U
Thermogreen® LB-2 Septa, solid discs, diam. 9 mm (11/32 in.), pkg of 50 ea	28021-U
Thermogreen® LB-2 Septa, solid discs, diam. 9.5 mm (3/8 in.), pkg of 50 ea	20652
Thermogreen® LB-2 Septa, solid discs, diam. 9.5 mm (3/8 in.), pkg of 250 ea	20666
Thermogreen® LB-2 Septa, solid discs, diam. 9.5 mm (3/8 in.), pkg of 1000 ea	20677
Thermogreen® LB-2 Septa, solid discs, diam. 10 mm (13/32 in.), pkg of 50 ea	20653-U
Thermogreen® LB-2 Septa, solid discs, diam. 10 mm (13/32 in.), pkg of 250 ea	23156

* Name	Catalog Number
Thermogreen® LB-2 Septa, solid discs, diam. 10 mm (13/32), pkg of 1000 ea	23157
Thermogreen® LB-2 Septa, solid discs, diam. 11 mm (7/16 in.), pkg of 50 ea	20654
Thermogreen® LB-2 Septa, solid discs, diam. 11 mm (7/16), pkg of 250 ea	23163
Thermogreen® LB-2 Septa, solid discs, diam. 11 mm (7/16), pkg of 1000 ea	23164
Thermogreen® LB-2 Septa, solid discs, diam. 11.5 mm (11/24 in.), pkg of 50 ea	23154
Thermogreen® LB-2 Septa, solid discs, diam. 12.5 mm (1/2 in.), pkg of 50 ea	20660-U
Thermogreen® LB-2 Septa, solid discs, diam. 12.5 mm (1/2 in.), pkg of 250 ea	20678
Thermogreen® LB-2 Septa, solid discs, diam. 14 mm (9/16 in.), pkg of 50 ea	20662-U
Thermogreen® LB-2 Septa, solid discs, diam. 16 mm (5/8 in.), pkg of 50 ea	20663
Thermogreen® LB-2 Septa, solid discs, diam. 17 mm (21/32 in.), pkg of 50 ea	23159
Three Layer Disc Septa, diam. 9 mm (11/32 in.), pack of 12	20416
Three Layer Disc Septa, diam. 10 mm (13/32 in.), pack of 12	20417
Three Layer Disc Septa, diam. 12.5 mm (1/2 in.), pack of 12	20418

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Accessories & Packing

High-performance Liquid Chromatography (HPLC)

Accessories & Packing

* Name	Catalog Number
Adapter M4 x 0.7 to 10-32, for use with 1/32 inch (0.8mm) tubing	52267-U
Aura Mobile Phase Filter/Degasser Unit, reservoir size 1 L	58094
Aura Mobile Phase Filter/Degasser Unit, reservoir size 2 L	58093
Aura Mobile Phase Filter/Degasser Unit, no reservoir	55023
Biocompatible UHPLC PEEK Lined Stainless Steel Tubing with Fittings, L x O.D. x I.D. 200 mm x 1/16 in. x 50 µm	52255-U
Biocompatible UHPLC PEEK Lined Stainless Steel Tubing with Fittings, L x O.D. x I.D. 300 mm x 1/16 in. x 100 µm	52257-U
Bottom-of-the-Bottle™ filter/sparger, pore size 2 µm	55058
Bottom-of-the-Bottle™ filter/sparger, pore size 2 µm	A437
Cap, stainless steel, cap 1/4-28	58766
Cap for Flask	58071
Cap for Mobile Phase Reservoir System, bottle cap GL 45, number of holes, 3	55062
Cap for Narrow-Mouth Bottle, GL 38, number of holes, 3	A622
Capsules for Mini MicroFilter Assembly, pore size 2.0 µm, PEEK natural	54723-U
Capsules for Mini MicroFilter Assembly, pore size 1.0 µm, red PEEK	54724-U
Clamp, Spring Action	58053
Collett, stainless steel	58464
Column Blank Kit for HPLC, I.D. x O.D. x L 2.1 mm x 1/4 in. x 25 cm	59127
Column Blank Kit for HPLC, I.D. x O.D. x L 4.6 mm x 1/4 in. x 15 cm	59101
Column Blank Kit for HPLC, I.D. x O.D. x L 4.6 mm x 1/4 in. x 25 cm	59102-U
Column Blank Kit for HPLC, I.D. x O.D. x L 10 mm x 1/2 in. x 25 cm	58217
Column End Plugs, for 10-32 coned ports, blue ETFE, pkg of 10 ea	51342-U
Column Frits, diam. 1/8 in., pore size 0.5 µm	59037
Column Frits, diam. 1/8 in., pore size 2.0 µm	59129
Column Frits, diam. 1/4 in., porosity 0.5 µm	59038
Column Frits, diam. 1/4 in., porosity 2 µm	58264
Column Frits, diam. 1/4 in., pore size 2 µm	Z226548
Column Frits, diam. 1/2 in., porosity 2 µm	58255
Coupling, 1/4-28 1/16 in. O.D., bore diam. 0.043 in.	58768
Coupling, 1/4-28 1/16 in. O.D., bore diam. 0.015 in.	58769
Coupling, 1/4-28 1/16 in. O.D., bore diam. 0.010 in.	58770
Cross, bore 0.020 in., thread 10-32	57663
Cross, for connecting 1/16 in., bore size 0.25 mm	58625-U
Cutting Wheel for TC-10	58803
Cutting Wheel for TC-20	58540-U
Deburring Kit, for use with 1/16 in. tubing, pkg of 1 ea	58691-U
Deburring Tool, configured for 1/16 in. tubing	58804
Deburring Tool, configured for 1/8 in. tubing	58806
Derivatized Silica Gel, 15-40 µm mean particle size, average diameter 60 Å	H8261-100G
Discovery® ZR Column Holder, for use with Discovery ZR Columns, pk of 1	65621-U
Dynaseal™ Fittings, Set of nuts, collet, and ferrule	58462

* Name	Catalog Number
Dynaseal™ Fittings, ferrule (polymer), pkg of 5 ea	58463
Dynaseal™ Fittings, pkg of 10 ea, Kel-F ferrule	58468
Endfitting for HPLC hardware	Z226564
EXP® Fitting System, hand tight nut and titanium hybrid ferrule, pack of 1	51384-U
EXP® Fitting System, hand tight nut and titanium hybrid ferrule, pack of 10	51385-U
EXP® Pre-Column Filter, holder with EXP titanium hybrid ferrule, pack of 1 sets	51163-U
EXP® Pre-Column Filter Cartridges, 0.5µm, pkg of 5 ea	51164-U
EXP® Pre-Column Filter Cartridges, 0.5µm, pkg of 10 ea	51165-U
EXP® Pre-Column Filter Cartridges, 0.2µm, pkg of 5 ea	51166-U
EXP® Pre-Column Filter Cartridges, 0.2µm, pkg of 10 ea	51167-U
EXP® Titanium Hybrid Ferrule, size 1/16 in.	51391-U
FEP Tubing, L x O.D. x I.D. 10 ft x 1/8 in. x 0.0625 in.	58694-U
FEP Tubing, L x O.D. x I.D. 10 ft x 0.15 in. x 0.118 in.	58695-U
Ferrule for Fingertight/Wrenchtight Fitting, Double-tapered, for use with Z227285, Z226874, Z226866, pkg of 5 ea	Z226858
Ferrule for Two Piece Fingertight Fitting, Single-taper, for use with Z227269, pkg of 5 ea	Z227277
Ferrule for Two-Piece Stainless Steel Fitting, PEEK ferrule	58479
Ferrules, 1/4-28 Upchurch for tubing 1/16 in. O.D. (requires Flangeless nut), ferrule only	56700-U
Ferrule Saver Tool	58647
Ferrules for PEEK HPLC Fitting, ferrule 10-32	57655-U
Ferrules for PEEK HPLC Fitting, ferrule 1/4-28	57657
Filter Cup for UHMWPE Bottom-of-the-Bottle™ solvent filter, pore size 10 µm	56706
Filter Element for SSI™ Filter Unit, Preinjector, pore size 0.5 µm	59264
Filter Element for SSI™ Filter Unit, Preinjector, pore size 2.0 µm	59265
Filter Element for SSI™ Filter Unit, Precolumn, pore size 0.5 µm	59273
Filter Element for SSI™ Filter Unit, Precolumn, pore size 2.0 µm	59272
Filter Holder and Screen, stainless steel	58065
Flask adapter for HPLC made of PTFE/FEP (2x1/8"), PTFE/FEP	94383-1EA-F
Frit Cap Assembly for Supelco® HPLC Column Hardware, size 2.1 mm, pore size 0.5 µm	55203
Frit Cap Assembly for Supelco® HPLC Column Hardware, size 3.0 mm, pore size 2 µm	55208
Frit Cap Assembly for Supelco® HPLC Column Hardware, size 4.0-4.6 mm, pore size 0.5 µm	55209
Frit Cap Assembly for Supelco® HPLC Column Hardware, size 4.0-4.6 mm, pore size 2 µm	55210
Frit for Supelco® Filter, stainless steel, pore size 0.5 µm, pkg of 5 ea	Z290874
Frit for Supelco® Filter, stainless steel, pore size 2.0 µm, pkg of 5 ea	Z227331
Frit for Supelco® Filter, PEEK, pore size 2.0 µm	57430-U
Frit Removing Tool for Supelco® Analytical Columns	55216
Frits for Isolation Technologies Precolumn Filter, frit diam. 3 mm	57677
Frits for Isolation Technologies Precolumn Filter, frit diam. 1.5 mm	57678
Frits for PEEK Inline MicroFilter	502715
Frits for Precolumn MicroFilter, PEEK, pore size 0.5 µm	502790
Frits for Precolumn MicroFilter, stainless steel, pore size 2.0 µm	502723
Frits for Precolumn MicroFilter, stainless steel, pore size 0.5 µm	502731

High-performance Liquid Chromatography (HPLC)

Accessories & Packing

* Name	Catalog Number
Frits for Upchurch Ultra-Low Volume Precolumn Filter, pore size 2 µm, pkg of 10 ea	51234-U
Frits for Upchurch Ultra-Low Volume Precolumn Filter, pore size 0.5 µm, pkg of 10 ea	51235-U
Frits for Upchurch Biocompatible Precolumn Filter, pore size 2.0 µm, pkg of 10 ea	55081
Frits for Upchurch Biocompatible Precolumn Filter, pore size 0.5 µm, pkg of 10 ea	55080-U
Funnel Base and Stopper	58064
Guard Column Hardware Kit, L × I.D. 5 cm × 4.6 mm	58319
Holder and Coupler for Legacy Guard Columns, for use with non-Supelco guard cartridges (not TSKgel guard cartridges)	54987
Holder for 7.5 mm I.D. TSKgel® Guard Cartridges, pkg of 1 ea	807093
HPLC Column Coupler	55213
HPLC Column Endfitting, for use with Ascentis, Discovery, and SUPELCOSIL columns, configured for 3.0 mm, 4.0 mm, and 4.6 mm I.D. hardware	55200-U
HPLC Column Endfitting, for use with Ascentis, Discovery, and SUPELCOSIL columns, configured for 2.1 mm I.D. hardware	55201-U
Inlet Filter Assembly, pore size 10 µm	56705
In-Line Filter Assembly 21.2mm, 2um	52588-U
In-Line Frit 21.2mm, 2um	52589-U
Isolation Technologies Precolumn Filter, use to protect 4.6 mm I.D. HPLC column, frit diam. 3 mm	57675-U
Isolation Technologies Precolumn Filter, use to protect 2.1 mm I.D. HPLC column, frit diam. 1.5 mm	57676-U
Kel-F Tee Connector, for use with 1/16 in. tubing (0.25mm bore)	54989
LC-MS Post Column Flow Splitter Mounting Bracket, Fixed	56630-U
LC-MS Post Column Flow Splitters, Fixed, Split Ratio = 20:1	56624-U
LC-MS Post Column Flow Splitters, Fixed, Split Ratio = 10:1	56625-U
LC-MS Post Column Flow Splitters, Fixed, Split Ratio = 5:1	56626-U
LC-MS Post Column Flow Splitters, Fixed, Split Ratio = 3:1	56627-U
LC-MS Post Column Flow Splitters, Adjustable, Split Ratio = 1:1 to 20:1	56629-U
LC-MS Post Column Resistor Sets, Binary, Split Ratio = 20:1	56631-U
LC-MS Post Column Resistor Sets, Binary, Split Ratio = 10:1	56632-U
LC-MS Post Column Resistor Sets, Binary, Split Ratio = 5:1	56633-U
LC-MS Post Column Resistor Sets, Binary, Split Ratio = 3:1	56634-U
Low Pressure CPI Inlet Filter, ea	59274
Luer Plug	54983
Manual Cutting Tool	58692-U
MarvelX™ UHPLC Connection Systems, PEEK Lined Stainless Steel Tubing, I.D. × L 25 µm × 150 mm	51874-U
MarvelX™ UHPLC Connection Systems, PEEK Lined Stainless Steel Tubing, I.D. × L 100 µm × 150 mm	51875-U
MarvelX™ UHPLC Connection Systems, PEEK Lined Stainless Steel Tubing, I.D. × L 25 µm × 350 mm	51882-U
MarvelX™ UHPLC Connection Systems, PEEK Lined Stainless Steel Tubing, I.D. × L 100 µm × 350 mm	51888-U
MarvelX™ UHPLC Connection Systems, Stainless Steel Tubing, I.D. 125 µm × 150 mm	51894-U
MarvelX™ UHPLC Connection Systems, Stainless Steel Tubing, I.D. × L 125 µm × 350 mm	51896-U
MarvelX™ UHPLC Connection Systems, Stainless Steel Tubing, I.D. × L 254 µm × 150 mm	51897-U

* Name	Catalog Number
MarvelX™ UHPLC Connection Systems, Stainless Steel Tubing, I.D. × L 254 µm × 350 mm	51899-U
MarvelX™ UHPLC Connection Systems Replacement Tubing, PEEK Lined Stainless Steel, I.D. × L 25 µm × 150 mm	51889-U
MarvelX™ UHPLC Connection Systems Replacement Tubing, PEEK Lined Stainless Steel, I.D. × L 100 µm × 150 mm	51890-U
MarvelX™ UHPLC Connection Systems Replacement Tubing, PEEK Lined Stainless Steel, I.D. × L 25 µm × 350 mm	51891-U
MarvelX™ UHPLC Connection Systems Replacement Tubing, PEEK Lined Stainless Steel, I.D. × L 100 × 350 mm	51893-U
MarvelX™ UHPLC Connection Systems Replacement Tubing, Stainless Steel, I.D. × L 125 µm × 150 mm	51900-U
MarvelX™ UHPLC Connection Systems Replacement Tubing, Stainless Steel, I.D. × L 125 µm × 350 mm	51901-U
MarvelX™ UHPLC Connection Systems Replacement Tubing, Stainless Steel, I.D. × L 254 µm × 150 mm	51904-U
MarvelX™ UHPLC Connection Systems Replacement Tubing, Stainless Steel, I.D. × L 254 µm × 350 mm	51906-U
MicroCross, for use with MicroTight sleeves, pkg of 1 ea	502480
MicroCross, for use with 1/32" O. D. tubing, pkg of 1 ea	51288-U
MicroCross, for use with 360 µm O.D. tubing, pkg of 1 ea	51293-U
MicroCross, for use with 1/16" O.D. tubing, pkg of 1 ea	51294-U
MicroFingertight I Fitting, one-piece design	502405
MicroTee, for use with MicroTight Sleeves, pkg of 1 ea	502472
MicroTee, for use with 1/32" O.D. tubing, pkg of 1 ea	51283-U
MicroTee, for use with 360 µm O.D. tubing, pkg of 1 ea	51285-U
MicroTee, for use with 1/16" O.D. tubing, pkg of 1 ea	51286-U
MicroTight Adapters, PEEK, for use with (1/16" to 1/32" tubing)	51272-U
MicroTight Adapters, PEEK, for use with (1/16" to 320 µm tubing), pkg of 1 ea	51273-U
MicroTight Unions, PEEK, for use with 1/32" tubing	51268-U
MicroTight Unions, PEEK (.006" thru-hole), for use with (360 µm tubing)	51271-U
Mobile Phase Replacement Reservoir, size 1 L	59324
Mobile Phase Replacement Reservoir, size 2 L	59323
Mobile Phase Reservoir System, bottle size 1 L	55060-U
Mobile Phase Reservoir System, bottle size 2 L	55061
Mobile Phase Solvent Debubbler with Bracket	58453
Nano Tight Union, ZDV, with 0.007in Thru-Hole	52807-U
Needle Insert for Dressing Tool, configured for 1/16 in.	58805
Needle Insert for Dressing Tool, configured for 1/8 in.	58807
Nonmetallic 1/4"-28 and Inline Cartridge Check Valves, inlet check valve, 1/4"-28 male to 1/4"-28 female, pkg of 1 ea	51245-U
Nonmetallic 1/4"-28 and Inline Cartridge Check Valves, inlet/outlet check valve, 1/4"-28 female to 1/4' female, pkg of 1 ea	51246-U
Nonmetallic Micro-Volume Inlet Check Valve, inlet/outlet check valve, 10/32 female to 10-32 female, pkg of 1 ea	51247-U
NO-OX™ TUBING 1/8IN OD X 1.5MM ID X 10FT	54988
Nuts and ferrules, 1/16", Nut, 303 stainless steel, male, pack of 5	2226742
Nuts and ferrules, 1/16", Ferrule, 316 stainless steel, pack of 5	2226769
Nuts and ferrules, 1/16", Ferrule, PEEK, pack of 5	2226793
Nylon 66 Filter Membranes, pore size 0.20 µm, diam. 47 mm, pkg of 50	58060-U
OPTI-GUARD® 1mm Guard Column, C18 (violet label), pkg of 5 ea	51177-U
OPTI-GUARD® 1mm Guard Column, silica (orange label), pkg of 5 ea	51178-U

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Accessories & Packing

* Name	Catalog Number
OPTI-GUARD® 1mm Guard Column, CN (blue label), pkg of 5 ea	51179-U
OPTI-GUARD® 1mm Guard Column, anion exchange (black label), pkg of 5 ea	51180-U
OPTI-GUARD® 1mm Guard Column, cation exchange (white label), pkg of 5 ea	51181-U
OPTI-GUARD® 1mm Guard Column, C18, biocompatible, pkg of 5 ea	51183-U
OPTI-GUARD® 1mm Guard Column, C8, pk of 5 ea	51184-U
OPTI-GUARD® 1mm Guard Column, phenyl, pkg of 5 ea	51185-U
OPTI-GUARD® 1mm Guard Column, amino NH ₂ , pkg of 5 ea	51187-U
OPTI-GUARD® 3 mm Guard Column, PEEK/stainless steel holder, pkg of 1 ea	51188-U
OPTI-GUARD® 3 mm Guard Column, C18 cartridge, pkg of 3 ea	51191-U
OPTI-GUARD® 3 mm Guard Column, C8 cartridge, pkg of 3 ea	51193-U
OPTI-GUARD® 3 mm Guard Column, Amino NH ₂ cartridge, pkg of 3 ea	51194-U
OPTI-GUARD® 3 mm Guard Column, Silica cartridge, pkg of 3 ea	51196-U
OPTI-SOLV® Mini, Micro, and Nano Filter, mini filter, 0.5µm, pkg of 5 ea	51168-U
OPTI-SOLV® Mini, Micro, and Nano Filter, mini filter, 2µm, pkg of 5 ea	51170-U
OPTI-SOLV® Mini, Micro, and Nano Filter, mini filter, 5.0µm, pkg of 5 ea	51171-U
OPTI-SOLV® Mini, Micro, and Nano Filter, micro filter, 1.0µm, pkg of 5 ea	51172-U
OPTI-SOLV® Mini, Micro, and Nano Filter, micro filter, 2.0µm, pkg of 5 ea	51173-U
OPTI-SOLV® Mini, Micro, and Nano Filter, micro filter, biocompatible, 0.5µm, pkg of 5 ea	51174-U
OPTI-SOLV® Mini, Micro, and Nano Filter, micro filter, 10µm, pkg of 5 ea	51175-U
OPTI-SOLV® Mini, Micro, and Nano Filter, nano filter, biocompatible, 0.5µm, pkg of 5 ea	51176-U
Peek adapter 10-32 TO M6, .020 in. hole	55068
PEEK Inline Microfilter	502707
PEEKsil™ Tubing, L x O.D. x I.D. 10 cm x 1/32 in. x 25 µm (.001 in.), orange, pkg of 2 ea	51308-U
PEEKsil™ Tubing, L x O.D. x I.D. 50 cm x 1/32 in. x 25 µm (.001 in.), orange, pack of 2 ea	51316-U
PEEKsil™ Tubing, L x O.D. x I.D. 10 cm x 1/32 in. x 50 µm (.002 in.), natural, pkg of 2 ea	51319-U
PEEKsil™ Tubing, L x O.D. x I.D. 50 cm x 1/32 in. x 50 µm (.002 in.), natural, pkg of 2 ea	51321-U
PEEKsil™ Tubing, L x O.D. x I.D. 20 cm x 1/32 in. x 75 µm (.003 in.), black, pkg of 2 ea	51324-U
PEEKsil™ Tubing, L x O.D. x I.D. 50 cm x 1/32 in. x 75 µm (.003 in.), black, pkg of 2 ea	51328-U
PEEKsil™ Tubing, L x O.D. x I.D. 50 cm x 1/32 in. x 150 µm (.006 in.), purple, pkg of 2 ea	51329-U
PEEKsil™ Tubing, L x O.D. x I.D. 10 cm x 1/16 in. x 25 µm (.001 in.), orange, pkg of 5 ea	51333-U
PEEKsil™ Tubing, L x O.D. x I.D. 50 cm x 1/16 in. x 25 µm (.001 in.), orange, pkg of 2 ea	51335-U
PEEKsil™ Tubing, L x O.D. x I.D. 50 cm x 1/16 in. x 50 µm (.002 in.), pkg of 2 ea	51332-U
PEEKsil™ Tubing, L x O.D. x I.D. 20 cm x 1/16 in. x 50 µm (.002 in.), natural, pkg of 2 ea	51334-U
PEEKsil™ Tubing, L x O.D. x I.D. 50 cm x 1/16 in. x 100 µm (.004 in.), red, pkg of 2 ea	51337-U
PEEK Tubing, L x O.D. x I.D. 10 ft x 1/16 in. x 0.005 in., red, limit 8000 max. pressure	2227307
PEEK Tubing, L x O.D. x I.D. 10 ft x 1/16 in. x 0.007 in., yellow, limit 8000 max. pressure	2226688

* Name	Catalog Number
PEEK Tubing, L x O.D. x I.D. 10 ft x 1/16 in. x 0.010 in., blue, limit 6000 psi max. pressure	2226661
PEEK Tubing, L x O.D. x I.D. 10 ft x 1/16 in. x 0.020 in., orange, limit 6000 psi max. pressure	2227293
PEEK Tubing, L x O.D. x I.D. 10 ft x 1/16 in. x 0.030 in., green, limit 5000 psi max. pressure	2226955
PEEK Tubing, L x O.D. x I.D. 10 ft x 1/16 in. x 0.055 in., natural, limit 1000 psi max. pressure	54994
PEEK Tubing, L x O.D. x I.D. 10 ft x 1/8 in. x 0.062 in., natural	54995
PEEK Tubing Cutter	2290882-1EA
Plug, for 1/16 in. tubing	58764
Pressure Gauge Kits, limit 0-3000 psi (0-210 bar)	58623-U
Pressure Gauge Kits, limit 0-6000 psi (0-420 bar)	58624
PTFE Gaskets	58066
PTFE Tubing, L x O.D. x I.D. 10 ft x 1/16 in. x 0.031 in.	58700-U
PTFE Tubing, L x O.D. x I.D. 10 ft x 1/16 in. x 0.023 in.	58701
PTFE Tubing, L x O.D. x I.D. 10 ft x 1/16 in. x 0.012 in.	58702
PTFE Tubing, L x O.D. x I.D. 10 ft x 1/8 in. x 0.063 in.	58703
PTFE Tubing, L x O.D. x I.D. 50 ft x 1/16 in. x 0.031 in.	58696-U
PTFE Tubing, L x O.D. x I.D. 50 ft x 1/16 in. x 0.023 in.	58697-U
PTFE Tubing, L x O.D. x I.D. 50 ft x 1/16 in. x 0.012 in.	58698-U
PTFE Tubing, L x O.D. x I.D. 50 ft x 1/8 in. x 0.063 in.	58699
Replacement Blade	2290947-1EA
Replacement Blades, pkg of 5 ea	57666-U
Replacement Ferrules for High Performance HPLC Fittings, pkg of 10 ea	53690-U
Repl. Filter Discs 1.5mm 5/pkg	59125
Repl. Filter Discs 3.0mm 5/pkg	59126
Reservoir for Filtration Apparatus 1, volume 250 mL	58063
Reservoir for Filtration Apparatus 1, volume 500 mL	58074
RheFlex® PEEK Fittings , Long fitting set, 1/16 in. tubing	57690-U
RheFlex® PEEK Fittings , Short fitting set, 1/16 in. tubing	57691
RheFlex® PEEK Fittings , Ferrule pack, 1/16 in. tubing	57692
RheFlex® PEEK Fittings , Fitting set, 1/8 in. tubing	57477
Rheodyne® Col. Inlet Filter 3.0mm	59124
Rheodyne® Fittings, long nut for 1/16 in. tubing, pkg of 10 ea	58257
Rheodyne® Fittings, nut and ferrule for 1/8 in. tubing, pkg of 1 ea	57479
Screen for Valco® Pre-Column Filter, pore size 2.0 µm, stainless steel	58284
Slip-On Inlet Filter, pore size 10 µm	59277
Spacer, pkg of 2 ea	58679
SSI™ Back-Pressure Regulator	58788
SSI™ Fittings Kit	59280-U
SSI™ Flow-Through Back-Pressure Regulator	59284
SSI™ High Pressure Precolumn Filter, thread 10-32 Valco compatible	59269
SSI™ High Pressure Precolumn Filter, thread 10-32 Waters	59271
SSI™ High Pressure Preinjector Filter, stainless steel	59262-U
SSI™ TC-20 Tubing Cutter, AC input 110 V / 220 V, 50-60 Hz (voltage selectable), CE compliant	58539-U
Stainless Steel HPLC Fittings, ferrule, 1/16 in. tubing	22988
Stainless Steel HPLC Fittings, ferrule, 1/8 in. tubing	22989
Stainless Steel HPLC Fittings, ferrule for 1/4 in. tubing, pkg of 10 ea	58245-U

High-performance Liquid Chromatography (HPLC)

Accessories & Packing

* Name	Catalog Number
Stainless Steel HPLC Fittings, ferrule for 1/16 in. tubing, pkg of 10 ea	58258
Stainless Steel HPLC Fittings, ferrule for 1/16 in. tubing	58762
Stainless Steel HPLC Fittings, nut for 1/16 in. tubing	22990-U
Stainless Steel HPLC Fittings, nut for 1/8 in. tubing	22991
Stainless Steel HPLC Fittings, nut for 1/16 in. tubing, pkg of 10 ea	58256
Stainless Steel HPLC Fittings, nut 1/4-28	58760-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 5 cm x 1/16 in. x 0.005 in.	56707
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 10 cm x 1/16 in. x 0.005 in.	56708
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 20 cm x 1/16 in. x 0.005 in.	56709
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 30 cm x 1/16 in. x 0.005 in.	56710-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 0.5 m x 1/16 in. x 0.005 in.	56711
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 1.0 m x 1/16 in. x 0.005 in.	56712-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 5 cm x 1/16 in. x 0.007 in.	56713
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 10 cm x 1/16 in. x 0.007 in.	56714
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 20 cm x 1/16 in. x 0.007 in.	56715-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 30 cm x 1/16 in. x 0.007 in.	56716
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 0.5 m x 1/16 in. x 0.007 in.	56717
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 1.0 m x 1/16 in. x 0.007 in.	56718-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 5 cm x 1/16 in. x 0.010 in.	56719
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 10 cm x 1/16 in. x 0.010 in.	56720-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 20 cm x 1/16 in. x 0.010 in.	56721
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 30 cm x 1/16 in. x 0.010 in.	56722
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 0.5 m x 1/16 in. x 0.010 in.	56723
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 1.0 m x 1/16 in. x 0.010 in.	56724
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 20 cm x 1/16 in. x 0.020 in.	56727
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 30 cm x 1/16 in. x 0.020 in.	56728
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 0.5 m x 1/16 in. x 0.020 in.	56729
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 1.0 m x 1/16 in. x 0.020 in.	56730-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 5 cm x 1/16 in. x 0.030 in.	56731
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 10 cm x 1/16 in. x 0.030 in.	56732
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 20 cm x 1/16 in. x 0.030 in.	56733-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 30 cm x 1/16 in. x 0.030 in.	56734-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 1.0 m x 1/16 in. x 0.030 in.	56736
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 5 cm x 1/16 in. x 0.040 in.	56737
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 10 cm x 1/16 in. x 0.040 in.	56738
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 20 cm x 1/16 in. x 0.040 in.	56739

* Name	Catalog Number
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 30 cm x 1/16 in. x 0.040 in.	56740-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 0.5 m x 1/16 in. x 0.040 in.	56741-U
Stainless Steel 1/16 in. Capillary Tubing, L x O.D. x I. D. 1.0 m x 1/16 in. x 0.040 in.	56742-U
Stainless Steel Inlet Filter, pore size 2 µm	58267
Stainless Steel Tubing Kits, O.D. x I.D. 1/16 in. x 0.005 in.	502839
Stainless Steel Tubing Kits, O.D. x I.D. 1/16 in. x 0.007 in.	502820
Stainless Steel Tubing Kits, O.D. x I.D. 1/16 in. x 0.010 in.	502812
Stainless Steel Tubing Kits, O.D. x I.D. 1/16 in. x 0.020 in.	502847
Stainless Steel Tubing Kits, O.D. x I.D. 1/32 in. x 0.005 in.	58404
Straightening Pliers	58646
Supelco® ColumnSaver Precolumn Filter, size 0.5 µm, pkg of 10 x ea	55214-U
Supelco® ColumnSaver Precolumn Filter, size 2.0 µm, pkg of 10 x ea	55215-U
Supelco® Mobile Phase Filtration Apparatus 1	58061
Supelco® Mobile Phase Filtration Apparatus 2	58062-U
Supel-Connect Agilent® 1100/1200 Interconnect, L x O.D. x I.D. 15 cm x 1/16 in. x 0.005 in.	53629-U
Supel™-Connect High Performance Fittings, Better Nut, size 1/16 in., pkg of 10 ea	51359-U
Supel™-Connect High Performance Fittings, Better Nut with stainless steel ferrule, pack of 2	51361-U
Supel™-Connect High Performance Fittings, Better Nut with PEEK ferrule, pack of 2	51365-U
Supel™-Connect High Performance Fittings, Better Nut, XL (extra long) with stainless steel ferrule, size 1/16 in., pack of 2	51389-U
Supel™-Connect High Performance Fittings, Better Nut, XL (extra long) with PEEK ferrule, size 1/16 in., pack of 2	51380-U
Supel™-Connect High Performance Fittings, Short Fitting with Ferrules, pack of 2	51366-U
Supel™-Connect High Performance Fittings, Long Fitting with Ferrules, pack of 2	51367-U
Supel™-Connect High Performance Fittings, UHPLC fitting, pkg of 1 ea	51368-U
Supel™-Connect High Performance Fittings, UHPLC fitting ferrule crimping tool, pkg of 1 ea	51369-U
Supel™-Connect High Performance Fittings, stainless steel ferrule, pack of 10	51392-U
Supel™-Connect High Performance Fittings, PEEK ferrule, pack of 10	51394-U
Supelco® PEEK Fitting, One-piece fingertight, pkg of 5 ea	2227250
Supelco® PEEK Fitting, Two-piece with ferrule, pkg of 5 ea	2227269
Supelco® PEEK Fitting, Two-piece with ferrule, fingertight/wrenchtight	2227285
Supelco® PEEK Fitting, Hex-head nut, short, wrench-tight	2226874
Supelco® PEEK Fitting, Hex-head nut, long, wrench-tight	2226866
Supelco® Precolumn Filter, Direct-connect, PEEK	2227323
Supelguard™ Guard Cartridge Holder, Stand-alone, for use with Supelguard cartridges (2 cm L. x 2.1 to 4.0 mm I.D.)	59660-U
Supelguard™ Guard Cartridge Holder, Stand-Alone (Swivel-type), for use with Supelguard cartridges (2 cm L. x 2 to 4.6 mm I.D.)	21150AST
Supelguard™ Guard Cartridge Holder, Direct-Connect, for use with Supelguard cartridge (2 cm L. x 3 to 4.6 mm I.D.)	55205

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Accessories & Packing

* Name	Catalog Number
Supelguard™ Guard Cartridge Holder, Direct-Connect (Swivel-type), for use with Supelguard cartridges (2 cm L. x 3 to 4.0mm I.D.)	504254
Supelguard™ Guard Cartridge Holder, Direct-Connect (Swivel-type), for use with Supelguard cartridges (2 cm L. x 2.1 mm I.D.)	504262
Supelguard™ Guard Cartridge Holder, Stand-Alone, for use with Supelguard cartridges (1 cm L. x 10.0 mm I. D.)	567499-U
Supelguard™ Guard Cartridge Holder, Stand-Alone, for use with Supelguard cartridges (1 cm L. x 21.2 mm I. D.)	581392-U
Super Flangeless Ferrules for 1/8 in. tubing	55009-U
Super Flangeless Ferrules for 1/16 in. tubing	55008-U
Tapered Flask for Filtration Apparatus 2, volume 1000 mL	58070-U
Tapered Flask for Filtration Apparatus 2, volume 2000 mL	58075
Tapered Funnel Base	58068
Tee, zero dead volume, for connecting 1/16 in., bore size 0.25 mm	58626
Tee, bore diam. 0.043 in.	58780-U
Tee, bore diam. 0.015 in.	58781
Tee, zero dead volume, for connecting 1/16 in., bore size 0.75 mm	58283
Tee, bore 0.020 in., thread 10-32	57661
Tee, bore 0.020 in., thread 1/4-28	57662-U
Tee, 10-32, with VHP-200 Fittings, for use with 1/16 inch (1.6mm) tubing	52268-U
TSKgel® Hardware and Accessories, pkg of 10 ea	803430
Tube Fitting, Sealtight™, Long nut, 10-32, with ferrule	55003-U
Tube Fitting, Sealtight™, Short nut, 10-32, with ferrule	55002-U
Tube Fitting, Sealtight™, Extra-long nut, 10-32, with ferrule	55006-U
Tube Fitting, Sealtight™, ferrule pack	55007-U
Tubing Adapter, M6 female, 10-32 male	55069
Tubing Adapter, 10-32 female coned for tubing 1/16 in. O.D. (one-piece fingertight fitting included), 1/4-28 female flat-bottom 1/16 in.	55070-U
Tubing Adapter, 1/4-28 female flat-bottom, 10-32 male standard	55071
Tubing Adapter, 1/4-28 male UNF, 1/8 in. tube	58743
Tubing Adapter, 10-32 Valco for tubing 1/16 in. O.D. (ZDV fitting included), 1/4-28 UNF for tubing 1/16 in. O. D. (flangeless fitting included)	58744
Tubing Adapter, 1/4-28 female, M6 female	59259-U
Ultra-High Performance Fingertight Fittings, PEEK (LiteTouch® Nut (Black), 10-32), for use with 1/32" tubing	51256-U
Ultra-High Performance Fingertight Fittings, PEEK (LiteTouch micro ferrule (black), 1/32 in.), for use with (1/32" tubing), pkg of 10 ea	51257-U
Ultra-High Performance Fingertight Fittings, PEEK (LiteTouch ferrule assembly 1/16" (black)), for use with (1/16" tubing), pkg of 10 ea	51258-U
Ultra-High Performance Fingertight Fittings, PEEK (FingerTight nut (black) 10-32), for use with (1/16" tubing), pkg of 10 ea	51262-U
Ultra-High Performance Micro Fingertight Unions , for use with 1/32" Tubing, pkg of 1 ea	51274-U
Ultra-High Performance Micro Fingertight Unions , for use with 360 µm tubing, pkg of 1 ea	51277-U
Ultra-High Performance Micro Fingertight Unions , for use with 1/32" O.D. tubing, pkg of 1 ea	51279-U
Ultra-High Performance Micro Fingertight Unions , for use with 1/16" O.D. and 1/32" O.D. tubing, pkg of 1 ea	51281-U
Ultra-High Pressure Stainless Steel Adapter, (for adapting 1/16" OD to 1/32" tubing), pkg of 1 ea	51267-U
Ultra-High Pressure Stainless Steel Fittings, for use with (1/32" tubing), pkg of 10 ea	51265-U

* Name	Catalog Number
UltraShield Precolumn Waters Compatible Filter, Stainless steel frit - 0.5 micron	56656-U
Uniguard Guard Column Holder, for use with Hypersil guard cartridges	54768-U
Union, for connecting 1/16 in., bore size 0.25 mm	2226807
Union, for connecting 1/16 in., bore size 0.75 mm	22997-U
Union, for connecting 1/16 in., bore size 0.25 mm	58627
Union, PEEK, for connecting 1/16 in., bore size 0.25 mm	2227242
Union, bore 0.010 in., thread 10-32	57658
Union, bore 0.020 in., thread 1/4-28	57660-U
Union, bore 0.020 in., thread 10-32	57659
Union, reducing, for connecting 1/16 to 1/32 in., bore size 0.25 mm	59025-U
Union, reducing, zero dead volume, for connecting 1/8 to 1/16 in., bore size 0.25 mm	22949
Upchurch Biocompatible Precolumn Filter, pore size 2.0 µm, pkg of 1 ea	55078
Upchurch Biocompatible Precolumn Filter, pore size 0.5 µm, pkg of 1 ea	55079
Upchurch Fingertight Fittings Kit	58632
Upchurch Fittings Kit, for use with Agilent/HP	58635-U
Upchurch Fittings Kit, for use with PerkinElmer	58636
Upchurch Fittings Kit, for use with Spectra-Physics/Rheodyne	58637
Upchurch Fittings Kit, for use with Waters	58639
Upchurch Fittings Kit, for use with Bio-Rad/Rheodyne	58640-U
Upchurch Flangeless Ferrule, ferrule 1/4-28 UNF for tubing 1/8 in. O.D. (requires Flangeless nut), ferrule only	56701
Upchurch In-Line Cartridge Check Valve	55085-U
Upchurch Microtight® Fittings Kit	502804
Upchurch Microtight® Tubing Sleeve Kit	502650
Upchurch Microtight® Tubing Sleeves, I.D. 0.005 in. (125 µm), red	502510
Upchurch Microtight® Tubing Sleeves, I.D. 0.007 in. (178 µm), yellow	502561
Upchurch Microtight® Tubing Sleeves, I.D. .009 in. (230 µm), natural, pkg of 10 ea	51296-U
Upchurch Microtight® Tubing Sleeves, I.D. .011 in. (280 µm), blue, pkg of 10 ea	51297-U
Upchurch Microtight® Tubing Sleeves, I.D. 0.013 in. (330 µm), orange	502618
Upchurch Microtight® Tubing Sleeves, I.D. 0.015 in. (380 µm), green	502626
Upchurch Microtight® Tubing Sleeves, I.D. 0.018 in. (460 µm), black	502634
Upchurch Microtight® Tubing Sleeves, I.D. .021 in. (535 µm), natural, pkg of 10 ea	51298-U
Upchurch Microtight® Tubing Sleeves, I.D. .006 in. (152 µm), purple, pkg of 10 ea	51303-U
Upchurch Mini MicroFilter Assembly, pore size 1 µm, stainless steel screen	54722-U
Upchurch Mini MicroFilter Assembly, pore size 2 µm, stainless steel screen	54721-U
Upchurch Mini MicroFilter Assembly, pore size 1 µm, stainless steel frit, pkg of 1 ea	51242-U
Upchurch Mini MicroFilter Assembly, pore size 1 µm, titanium frit, pkg of 1 ea	51243-U
Upchurch PEEK Fingertight Fitting, fitting 10-32 (one-piece), pkg of 10 ea	55067-U
Upchurch PEEK Fingertight Fitting, nut and ferrule 10-32	57654
Upchurch PEEK Fingertight Fitting, nut and ferrule 1/4-28	57656
Upchurch PEEK Fingertight Fitting, long 2 piece	51395-U
Upchurch PEEK LiteTouch® Fitting , natural PEEK nut, pkg of 10 ea	57651

High-performance Liquid Chromatography (HPLC)

Accessories & Packing

* Name	Catalog Number
Upchurch PEEK LiteTouch® Fitting	57650-U
Upchurch PEEK LiteTouch® Fitting , PEEK with stainless steel lock ring ferrule (for 1/8" tubing)	57652-U
Upchurch PEEK LiteTouch® Fitting , natural PEEK nut double-winged	57653
Upchurch PEEK Microtight® Connector, Connects 1/16" capillary tubing	502421
Upchurch PEEK Microtight® Connector, Butt connects 2 pieces of capillary. True zero dead volume design, pkg of 2 ea	502413
Upchurch Polymer Tubing Cutter	57665-U
Upchurch Precolumn MicroFilter, for use with 0.025 in. O.D. tubing, PEEK frit	502677
Upchurch Precolumn MicroFilter, for use with 0.025 in. O.D. tubing, stainless steel frit	502669
Upchurch Precolumn MicroFilter, for use with 1/16 in. O. D. tubing, PEEK frit	502693
Upchurch Precolumn MicroFilter, for use with 1/16 in. O. D. tubing, stainless steel frit	502685
Upchurch Tubing Adapter	55072
Upchurch Tubing Adapter	55073
Upchurch Tubing Adapter	55074
Upchurch Tubing Adapter	55075
Upchurch Tubing Adapter	55076
Upchurch Tubing Adapter	55077
Upchurch Tubing Adapter	55082
Upchurch Two-Piece Stainless Steel/PEEK Fitting, pkg of 1 ea, stainless steel nut, PEEK ferrule	58478-U
Upchurch Ultra-Low Volume Precolumn Filter, pore size 0.5 µm, pkg of 1 ea	51233-U
Upchurch Ultra-Low Volume Precolumn Filter, pore size 2 µm, pkg of 1 ea	51231-U
Upchurch Ultra-Low Volume Precolumn Filter, pore size 0.5 µm, pkg of 1 ea, Solvent filter assembly with frit (1.3µL swept volume)	51232-U
Upchurch VHP (Very High Pressure) Fittings, VHP-205, for use with 1/16 inch (1.6mm) tubing, thread 10-32, stainless steel	52214-U
Upchurch VHP (Very High Pressure) Fittings, VHP-700, for use with 1/32 inch (0.8mm) tubing, thread (6-40), stainless steel	52215-U
Upchurch VHP (Very High Pressure) Fittings, UHP-900, for use with 1/32 inch (0.8mm) tubing, thread (M4 x 0.7), stainless steel	52216-U
Upchurch VHP (Very High Pressure) Fittings, VHP-320, for use with 1/16 inch (1.6mm) tubing, thread 10-32, stainless steel	52217-U
Upchurch VHP (Very High Pressure) Fittings, VHP-325, for use with 1/16 inch (1.6mm) tubing, thread 10-32, stainless steel	52219-U
Upchurch VHP (Very High Pressure) Fittings, VHP-920, for use with 1/32 inch (0.8mm) tubing, thread (M4 x 0.7), stainless steel	52220-U
Upchurch VHP (Very High Pressure) Fittings, PK-126, for use with 1/32 inch (0.8mm) tubing, thread 6-32, (polymer)	52223-U
Upchurch VHP (Very High Pressure) Inline Filter, VHP-505, porosity 0.2 µm, for use with 1/16 inch tubing, stainless steel	52246-U
Upchurch VHP (Very High Pressure) Precolumn Filter, VHP-550, porosity 0.5 µm, for use with 1/16 inch tubing, (PEEK/Stainless Steel)	52247-U
Upchurch VHP (Very High Pressure) Precolumn Filter, VHP-555, porosity 0.2 µm, for use with 1/16 inch tubing, (PEEK/Stainless Steel)	52248-U
Upchurch VHP (Very High Pressure) Tools, VHP-1001 Tightening Tool, for use with VHP-300/325 fitting	52231-U
Upchurch VHP (Very High Pressure) Tools, VHP-1000 Break Away Torque Wrench, for use with VHP-300/325 Fittings	52232-U

* Name	Catalog Number
Upchurch VHP (Very High Pressure) Tools, VHP-4000 Adjustable torque tightening screwdriver	52233-U
Upchurch VHP (Very High Pressure) Tools, P-291 Torque screw driver with extender tool, for use with PK100/110	52241-U
Upchurch VHP (Very High Pressure) Tools, VHP-268 Torque screw driver with extender tool, for use with VHP-302/325	52242-U
Valco® Pre-Column Filter, Frit Filter, size 1/8 in., pore size 0.5 µm	58420-U
Valco® Pre-Column Filter, Screen Filter, pore size 2.0 µm	58279-U
Valco® Unions, internal reducing, for connecting 1/16 to 1/32 in., bore size 0.25 mm	59026
Valco® Unions, internal reducing, bore 0.75 mm, for connecting 1/8 to 1/16 in.	22999
Valco® Unions, internal reducing, 1/4 to 1/16 in., bore size 0.75 mm	58249
Valco® Unions, external reducing, 1/4 to 1/16 in., bore size 0.25 mm	59110-U
VHP-600 Plug	52228-U
Waters® Fittings, size 1/16 in., pkg of 5 ea	58458
Waters® Union, size 1/16 in., stainless steel	58289
Zero Volume Reducer 1/16 to 1/8 External	22948

Instrument Components

* Name	Catalog Number
ASI UHMW PE pump seal, for use with M-45, 501, 510, 590, 600E, 6000	505420
CH-500 Heating Blocks, size 1 in., pkg of 2 ea, replacement heating block	500895
Chiralizer MP Optional Semi-preparative Measuring Cell	89114AST
Column Envelopes for CH-30, CH-430, or Ch-460 Column Heaters, made to hold 1/2 in. O.D. column	56774-U
Column Water Jacket	58450-U
Electric valve actuator for 6-Port valve, 110V	59040-U
Eppendorf® CH-430 column heater, AC input 120 V	56768
Eppendorf® CH-430 column heater, AC input 240 V	500828
Eppendorf® CH-460 column heater, AC input 120 V	56770-U
Eppendorf® CH-500 HPLC column heater system, AC input 120 V, limit temp. range	500844
Eppendorf® CH-500 HPLC column heater system, AC input 240 V, Standard European cord	500852
Eppendorf® CH-500 HPLC column heater system, AC input 240 V, UK cord provided	500860
Eppendorf® CH-30 column heater, AC input 120 V	56766
Eppendorf® CH-30 column heater, AC input 240 V	500801
Eppendorf® TC-45 temperature controller, AC input 120 V	56760-U
Eppendorf® TC-45 temperature controller, AC input 240 V	500763
Eppendorf® TC-50 temperature controller, AC input 120 V	56762
Eppendorf® TC-50 temperature controller, AC input 240 V	500771
High Volume Static Mixer Complete Assembly, stainless steel, 500 µL in-line	500550
High Volume Static Mixer Complete Assembly, stainless steel, 500 µL binary	500569
HPLC sample loop 100µl ss 7000psi ea, sample loop volume 100 µL	23020-U
HPLC sample loop 10µl ss 7000psi ea, sample loop volume 10 µL	23017
HPLC sample loop 1cc ss 7000psi ea, sample loop volume 1 mL	23022

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Instrument Components

* Name	Catalog Number
HPLC sample loop 25µl ss 7000psi ea, sample loop volume 25 µL	23018-U
HPLC sample loop 50µl ss 7000psi ea, sample loop volume 50 µL	23019-U
HyperShear Ultra HPLC High Pressure Static Mixer, In-line housing assembly, volume 50 µL	56642-U
HyperShear Ultra HPLC High Pressure Static Mixer, In-line housing assembly, volume 150 µL	56644-U
HyperShear Ultra HPLC High Pressure Static Mixer, In-line housing assembly, volume 250 µL	56645-U
HyperShear Ultra HPLC High Pressure Static Mixer, In-line housing assembly, volume 350 µL	56646-U
HyperShear Ultra HPLC High Pressure Static Mixer, Binary tee housing assembly, volume 50 µL	56648-U
HyperShear Ultra HPLC High Pressure Static Mixer, Binary tee housing assembly, volume 150 µL	56649-U
HyperShear Ultra HPLC High Pressure Static Mixer, Binary tee housing assembly, volume 250 µL	56651-U
HyperShear Ultra HPLC High Pressure Static Mixer, Binary tee housing assembly, volume 350 µL	56653-U
Inlet cartridge, for use with 1090	504734
ITB black piston seal, for use with M45, M45G, M501, 510, 515, 590, 600, 600E, 610, 6K, 6KA, Waters, 26613	59422
Jetstream Plus Column Thermostat, limit 5-85 °C temp. range	89810AST
Jetstream Plus Column Thermostat, limit 0-80 °C temp. range	89820AST
Knitted reactor coil, L × I.D. 5 m × 0.25 mm, volume 0.25 mL	57402
Knitted reactor coil, L × I.D. 10 m × 0.25 mm, volume 0.5 mL	57403
Knitted reactor coil, L × I.D. 15 m × 0.25 mm, volume 0.75 mL	57404
Knitted reactor coil, L × I.D. 20 m × 0.25 mm, volume 1.0 mL	57410-U
Knitted reactor coil, L × I.D. 10 m × 0.5 mm, volume 2.0 mL	57406
Knitted reactor coil, volume 3.0 mL, L × I.D. 15 m × 0.5 mm	57407
Knitted reactor coil, L × I.D. 20 m × 0.5 mm, volume 4.0 mL	57411
Knitted reactor coil, L × I.D. 5 m × 0.5 mm, volume 1.0 mL	57405
Loop Fill Port, for use with 9010 Injector	57638
Loop Fill Port, for use with 7010 Injector	58825-U
Low Volume Static Mixer (50-250 µL), housing, In-line, stainless steel	57548
Low Volume Static Mixer (50-250 µL), housing, Binary, stainless steel	57549
Low Volume Static Mixer (50-250 µL), housing, Ternary, stainless steel	500488
Low Volume Static Mixer (50-250 µL), 50 µL cartridge, stainless steel	57545
Low Volume Static Mixer (50-250 µL), 150 µL cartridge, stainless steel	57546
Low Volume Static Mixer (50-250 µL), 250 µL cartridge, stainless steel	57547
Low Volume Static Mixer (50-250 µL), housing, Binary, PEEK	500518
Low Volume Static Mixer (50-250 µL), 50 µL cartridge, PEEK	500445
Low Volume Static Mixer (50-250 µL), 250 µL cartridge, PEEK	500461
Micro-Metering Valve (Low Pressure), 1/4-28 flangeless fittings	502367
Micro-Metering Valve (Low Pressure), 10-32 fingertight fittings	502375
Micro-Mixer Static Mixers (2 - 25 µL), housing, In-Line	56665-U
Micro-Mixer Static Mixers (2 - 25 µL), housing, Binary	56666-U

* Name	Catalog Number
Micro-Mixer Static Mixers (2 - 25 µL), 2 µL cartridge, stainless steel	56661-U
Micro-Mixer Static Mixers (2 - 25 µL), 10 µL cartridge, stainless steel	56663-U
Micro-Mixer Static Mixers (2 - 25 µL), 25 µL cartridge, stainless steel	56664-U
Micro-Splitter Valve (High Pressure), 10-32 fingertight fitting	54719-U
Micro-Splitter Valve (High Pressure), 10-32 for × 2, 6-32 for × 1 fingertight fitting	54720-U
Micro-Splitter Valve (Low Pressure), 1/4-28 flangeless fittings	502383
Micro-Splitter Valve (Low Pressure), 10-32 fingertight fittings	502391
MXP High Pressure Valves for HPLC, stainless steel, pkg of 1 ea	51354-U
MXP High Pressure Valves for HPLC, PEEK, pkg of 1 ea	51356-U
MXT Valves for Fast Chromatography, stainless steel, pkg of 1 ea	51343-U
Needle for Model 3725i Prep Sample Injector, PEEK	57475
Needle for Model 3725i Prep Sample Injector, stainless steel, needle size 16 ga	57476
Needle Port, for use with 9010 Injector	57639
Needle port cleaner	57635
Opti-Max® inlet check valve, for use with LC-6A, LC-10AS, Shimadzu, 228-12353-91	59465-U
Opti-Max® inlet check valve, stainless steel, for use with 250, Series 4, 200, 400, 410, 620, Integral 4000, PerkinElmer, 0254-0177, pkg of 1	59459
Opti-Max® Inlet Check Valve, stainless steel, for use with 100A, 110A/B, 112, 112M, 114, 114M, 116, 118, 125, 126, 127, 128, Beckman, 240720	59454
Opti-Max® inlet check valve, for use with all analytical pumps, LDC/Milton Roy, 900947001	59490-U
Opti-Max® inlet check valve, for use with M45, M45G, M501, 510, 515, 590, 600, 600E, 610, 6K, 6KA, Waters, 33679	59484
Opti-Max® inlet check valve, for use with 8700, 8800, 8810, IsoChrom, P-Series, Spectra Physics, A3990-010	59493
Opti-Max® inlet check valve, for use with 8700, 8800, 8810, IsoChrom, P-Series, Spectra Physics, A3495-010	59475
Opti-Max® outlet check valve, for use with LC-6A, LC-10AS, Shimadzu, 228-09054-93	59466
Opti-Max® outlet check valve, stainless steel, for use with 100A, 110A/B, 112, 112M, 114, 114M, 116, 118, 125, 126, 127, 128, Beckman, 240721	59455
Opti-Max® outlet check valve, for use with all analytical pumps, LDC/Milton Roy, 900947002	59491
Opti-Max® outlet check valve, for use with M45, M45G, M501, 510, 515, 590, 600, 600E, 610, 6K, 6KA, Waters, 25216	59485-U
Opti-Max® outlet check valve, stainless steel, for use with 250, Series 4, 200, 400, 410, 620, Integral 4000, PerkinElmer, 0254-0197	59460
Opti-Max® outlet check valve cartridge system, for use with 1050,1100, Agilent/HP, 01018-60008, pkg of 1 ea	59456
Opti-Max® Replacement Cartridge All Manufactures, PEEK, size 1/8 in., ruby ball/sapphire seat, pkg of 2 ea	59370-U
Opti-Max® Replacement Cartridge All Manufactures, SS cartridge, size 1/16 in., ruby ball/sapphire seat, pkg of 2 ea	59494
Opti-Max® Replacement Cartridge All Manufactures, SS cartridge, size 3/16 in., ruby ball/sapphire seat, pkg of 2 ea	59495
Opti-Max® Replacement Cartridge All Manufactures, SS cartridge, size 1/8 in., ruby ball/sapphire seat	59496
Optimize Safety Syringe	59451
Optimize Technologies HPLC Pump Part for Spectra-Physics, for use with 8800, 8810, Isochrom, P-Series, Spectra Physics, A3102-010	59477

High-performance Liquid Chromatography (HPLC)

Instrument Components

* Name	Catalog Number
OPTI-Seal pump seal, for use with all analytical pumps, LDC/Milton Roy, 206234	59492
OPTI-SEAL pump seal, for use with 8800, 8810, Isochrom, P-Series, Spectra Physics, A2962-010	59478
OPTI-SEAL pump seal, for use with LC-6A, LC-10AS, Shimadzu, 228-11999-00 228-21975-00	59468
OPTI-SEAL pump seal, for use with 1050,1100, Agilent/HP, 5062-8516, pkg of 1 ea	59409
OPTI-SEAL pump seal, for use with 655, L6000, L6200, L6200A, Hitachi, 655-1080	59407
OPTI-SEAL pump seal, for use with 100A, 110A/110B, Beckman, 887138	59405
OPTI-SEAL pump seal, for use with M45, M45G, M501, 510, 515, 590, 600, 600E, 610, 6K, 6KA, Waters, 22934	59388
OPTI-SEAL pump seal, for use with M45, M45G, M501, 510, 515, 590, 600, 600E, 610, 6K, 6KA, Waters, 22934, pkg of 10 ea	59389
OPTI-SEAL pump seal, for use with 250, Series 4, 200, 400, 410, 620, Integral 4000, for use with Series 1, 2, 3, 3B, 10, PerkinElmer, 0990-7324, pkg of 1	59461
Outlet check valve ball/seat, (repairs 2 OEM valves), for use with M45, M45G, M501, 510, 515, 590, 600, 600E, 610, 6K, 6KA, Waters, 26014	59381
Outlet check valve (complete assembly) all except M501. 600E), for use with M-45, 501, 510, 590, 600E, 6000	505382
PHRED Photochemical Reactor, AC input 110 V	57400-U
Piston, for use with M-45, 501 only	505439
Piston, for use with 655, L6000, L6200, L6200A, Hitachi, 810-1033	59406
Plunger, for use with LC-10AS, Shimadzu, 228-17019-93	59473
Plunger, for use with M45, M45G, M501, Waters, 26524	59387
Plunger, for use with 510, 590, 600, 600E, 610, 6K, 6KA, Waters, 25656	59386
Postcolumn Reactor Cartridge (fits all heater modules), size 0.15 mL	54978
Postcolumn Reactor Components, Delay Tubes, size x I.D. 10 ft (3 m) x 0.5 mm	59206
Postcolumn Reactor Components, Delay Tubes, size x I.D. 10 ft (3 m) x 0.8 mm	59207
Postcolumn Reactor Components, Glass Beads, size 75 µm, acid-washed	59200-U
Postcolumn Reactor Components, Glass Beads, size 250 µm, acid-washed	59202
Postcolumn Reactor Components, Glass Beads, size 75 µm, acid-washed/silanized	59201
Postcolumn Reactor Components, Glass Beads, size 250 µm, acid-washed/silanized	59203
Postcolumn Reactor Module, AC input 120 V, size 0.50 mL (Reaktor)	54976
Postcolumn Reactor, Single Bead String Reactor, Acid Washed	59204
Postcolumn Reactor, Single Bead String Reactor, Acid Washed/Silanized	59205
Reflective support plate, stainless steel, for use with PHRED Reactor	57408
Replacement bulb, for use with PHRED Reactor, abs., 254 nm	57401
RheBuild® Kit, for use with 3725/3725i/3725-038/3725i-038	55043
RheBuild® Kit, for use with 7000/7010	55044
RheBuild® Kit, for use with 7010 with Stator	504602
RheBuild® Kit, for use with 7125/7126 series	55045
RheBuild® Kit, for use with 7520/7526	55048
RheBuild® Kit, for use with 7725/7725i/7726	55049
RheBuild® Kit, for use with 7750 TPMV Series	7750999
RheBuild® Kit, for use with 8125/8126 valves	55050-U

* Name	Catalog Number
RheBuild® Kit, for use with 9010/9040 Injector	55052
RheBuild® Kit, for use with 9125/9126	55051
RheBuild® Kit, for use with 9725/9725i/9726 Injectors	55053
RheBuild® Kit, for use with 9750 TPMV Series	9750999
RheBuild® Kit for SupelPRO™, for use with 2-Position/6-Port	54395-U
RheBuild® Kit for SupelPRO™, for use with 2-Position/10-Port	54396-U
Rheodyne® 3725i Rotor Seal, for use with 3725i Injector	57473
Rheodyne® 8125 Rotor Seal, for use with 8125 Injector	57955
Rheodyne® Fitting Set for 7010/7125 (#7010-047)	54653
Rheodyne® Injector, Rheodyne 7725	57620-U
Rheodyne® Injector, Rheodyne, 7725i	57621
Rheodyne® MACH. PEEK STATOR & SUPPORT RING FOR 9010/9125	54630-U
Rheodyne® Model 3725i Preparative Sample Injector, PEEK	57461
Rheodyne® Model 3725i Preparative Sample Injector, stainless steel	57463
Rheodyne® Model 7000L Stream Switching Valve, Large Bore	54479
Rheodyne® Model 7000 Stream Switching Valve	58920-U
Rheodyne® Model 7010 Injector	58827
Rheodyne® Model 7060 Selection Valve	58817
Rheodyne® Model 7125 Injector	58826
Rheodyne® Model 8125 Low Dispersion Injector	57950-U
Rheodyne® Model 9010 Injector	57695
Rheodyne® Model 9725 Injector	54432
Rheodyne® Model 9725i PEEK Injector	54632
Rheodyne® PEEK ROTOR SEAL FOR 9010 (#9010-065)	54695
Rheodyne® pH Upgrade Kit, for use with Valves 7000/7010/7040	55054
Rheodyne® Port Adapter	57472
Rheodyne® ROTOR SEAL FOR 7030 (#7030-003)	54658
Rheodyne® ROTOR SEAL FOR 7060L (#7060-064)	54667
Rheodyne® ROTOR SEAL FOR 7120 (#7120-035)	54672
Rheodyne® ROTOR SEAL FOR 7413 (#7413-013)	54683
Rheodyne® Stator Face Assy for 8125/8126 (#8125-074)	54612
Rheodyne® STATOR FACE ASSY FOR 9010/9125 (#8125-094)	54690
Rheodyne® STATOR FOR 7010/7125 (#7010-040)	54485
Rheodyne® Stator for 7060L, 7060-065	54521
Rheodyne® STATOR FOR 7725 (#7725-010)	54588
Tefzel® rotor seal, for use with 7010	54656
Rheodyne® Tefzel® rotor seal for 7060/7066 (#7060-074)	54670-U
Rheodyne® Tefzel® rotor seal for 8125 (#8125-097)	54691
Rheodyne® Vespel™ ROTOR SEAL FOR 7060/7066 (#7060-070)	54669
Rheodyne® 3-way Valve, 7030, Accepts 1/16" tubing	54417
Rotor Seal for Model 7125/7725/7725i Injector, Tefzel®	57633
Rotor Seal for Model 7125/7725/7725i Injector, Vespel	58830-U
Sample loop, 250µl	59032
Sample Loop for 9010, 9125, and 9725 Injectors, volume 5 µL, PEEK	57640
Sample Loop for 9010, 9125, and 9725 Injectors, volume 10 µL, PEEK	57641
Sample Loop for 9010, 9125, and 9725 Injectors, volume 20 µL, PEEK	57642
Sample Loop for 9010, 9125, and 9725 Injectors, volume 50 µL, PEEK	57643
Sample Loop for 9010, 9125, and 9725 Injectors, volume 100 µL, PEEK	57644

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Instrument Components

* Name	Catalog Number
Sample Loop for 9010, 9125, and 9725 Injectors, volume 200 µL, PEEK	57645
Sample Loop for 9010, 9125, and 9725 Injectors, volume 500 µL, PEEK	57646
Sample Loop for 9010, 9125, and 9725 Injectors, volume 1 mL, PEEK	57647
Sample Loop for 9010, 9125, and 9725 Injectors, volume 2 mL, PEEK	57648
Sample Loop for 9010, 9125, and 9725 Injectors, volume 5 mL, PEEK	57649
Sample Loop for 9725 Injector, volume 2 µL	57622
Sample Loop for Model 3725i Prep Sample Injector, PEEK, volume 2 mL	57464-U
Sample Loop for Model 3725i Prep Sample Injector, PEEK, volume 5 mL	57465
Sample Loop for Model 3725i Prep Sample Injector, PEEK, volume 10 mL	57466-U
Sample Loop for Model 3725i Prep Sample Injector, PEEK, volume 20 mL	57467
Sample Loop for Model 3725i Prep Sample Injector, stainless steel, volume 2 mL	57468-U
Sample Loop for Model 3725i Prep Sample Injector, stainless steel, volume 5 mL	57469
Sample Loop for Model 3725i Prep Sample Injector, stainless steel, volume 10 mL	57470-U
Sample Loop for Model 3725i Prep Sample Injector, stainless steel, volume 20 mL	57471
Sample Loop for Model 7010/7125 Injector, volume 5 µL	58840-U
Sample Loop for Model 7010/7125 Injector, volume 10 µL	58832
Sample Loop for Model 7010/7125 Injector, volume 20 µL	58833-U
Sample Loop for Model 7010/7125 Injector, volume 50 µL	58834
Sample Loop for Model 7010/7125 Injector, volume 100 µL	58835
Sample Loop for Model 7010/7125 Injector, volume 200 µL	58836
Sample Loop for Model 7010/7125 Injector, volume 500 µL	58837
Sample Loop for Model 7010/7125 Injector, volume 1 mL	58838
Sample Loop for Model 7010/7125 Injector, volume 2 mL	58839
Sample Loop for Model 7010/7125 Injector, volume 5 mL	57637
Sample Loop for Model 7725 Injector, volume 5 µL	57623
Sample Loop for Model 7725 Injector, volume 10 µL	57624
Sample Loop for Model 7725 Injector, volume 20 µL	57625
Sample Loop for Model 7725 Injector, volume 50 µL	57626
Sample Loop for Model 7725 Injector, volume 100 µL	57627
Sample Loop for Model 7725 Injector, volume 200 µL	57628-U
Sample Loop for Model 7725 Injector, volume 500 µL	57629-U
Sample Loop for Model 7725 Injector, volume 1 mL	57630
Sample Loop for Model 7725 Injector, volume 2 mL	57631
Sample Loop for Model 7725 Injector, volume 5 mL	57632
Sample Loop for Model 8125 Injector, volume 5 µL	57951
Sample Loop for Model 8125 Injector, volume 10 µL	57952
Sample Loop for Model 8125 Injector, volume 20 µL	57953
Sample Loops for MXT Fast Chromatography Valves, volume 5 µL, pkg of 1 ea	51344-U
Sample Loops for MXT Fast Chromatography Valves, volume 20 µL, pkg of 1 ea	51347-U
Sample Loops for MXT Fast Chromatography Valves, volume 50 µL, pkg of 1 ea	51350-U
Sample Loops for MXT Fast Chromatography Valves, volume 100 µL, pkg of 1 ea	51353-U

* Name	Catalog Number
Sample Rotor for Model 7520 Microsample Injector, size 0.2 µL	58820
Sample Rotor for Model 7520 Microsample Injector, size 1.0 µL	58822-U
Sample valve HPLC 7000 Nitronic ea	22919
Sapphire Piston, for use with 2010, Varian, 00-997-261-08	59482
Sapphire plunger, for use with 1050,1100, pkg of 1 ea, Agilent/HP, 55062-2441	59408
Shutoff Valve, Low Pressure, natural PEEK, for use with 1/16 in. tubing	505757
Shutoff Valve, Low Pressure, natural PEEK, for use with 1/8 in. tubing	56704
Shutoff Valve, Low Pressure, blue Tefzel®, for use with 1/16 in. tubing	505765
Shutoff Valve, Low Pressure, blue Tefzel®, for use with 1/8 in. tubing	505773
SSI™ LO-Pulse™ Damper, with cabinet	58455
SSI™ LO-Pulse™ Damper, without cabinet	58442
SSI™ Prime/Purge Valve	58690-U
SSI™ Three-Way Stream-Splitting Valve, bottom vent	58793
SSI™ Three-Way Stream-Splitting Valve, side vent	58794
SSI™ Two-Way Shut Off Valve	58789
Stator Face Assembly, for use with (7125)	54675
Stator Face Assembly, for use with model 7725 injector	57634
Stator Face Assembly, for use with model 3725 injector	57474
SupelPRO™ 2-Position Valves, 6-Port, stainless steel	53148-U
SupelPRO™ 2-Position Valves, 10-port, stainless steel	53150-U
Tefzel® Rotor Seal, for use with 9725 Injector	57971-U
Tefzel® Rotor Seal, for use with model 9010 injector	57696
Tefzel® Rotor Seal, for use with 7000L	54647
Thrust Bearing, for use with 7125	54547
UHMW PE Pump Seal, for use with Gilson 5S, 5SC	504653
Upchurch Universal Prime/Purge Valve, low pressure	54718-U
Upchurch Prime/Purge Valve for Waters Pump	54716-U
Valve angle bracket, for use with all metal Rheodyne valves	57636
ValvTool	55087-U
VespeL™ Rotor Seal, for use with 7010 Injector	58831
WISP 712 injector seal, ea	59390

Supelco

Ascentis

Columns

* Name	Catalog Number
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 5 cm × 1 mm	581311-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 10 cm × 1 mm	581364-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 15 cm × 1 mm	581365-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 2 cm × 2.1 mm	581312-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 3 cm × 2.1 mm	581313-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 5 cm × 2.1 mm	581300-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 10 cm × 2.1 mm	581301-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 15 cm × 2.1 mm	581302-U

High-performance Liquid Chromatography (HPLC)

Supelco: Ascentis

* Name	Catalog Number
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 2 cm × 3 mm	581314-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 5 cm × 3 mm	581307-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 3 cm × 3 mm	581306-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 10 cm × 3 mm	581308-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 2 cm × 4.6 mm	581315-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 3 cm × 4.6 mm	581316-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 3.3 cm × 4.6 mm	581336-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 5 cm × 4.6 mm	581320-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 10 cm × 4.6 mm	581321-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 15 cm × 4.6 mm	581322-U
Ascentis® C18 HPLC Column, 3 µm particle size, L × I. D. 5 cm × 10 mm	581335-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 2 cm × 2.1 mm	581368-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 3 cm × 2.1 mm	581327-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 5 cm × 2.1 mm	581303-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 10 cm × 2.1 mm	581326-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 15 cm × 2.1 mm	581304-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 25 cm × 2.1 mm	581305-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 2 cm × 3 mm	581328-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 3 cm × 3 mm	581369-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 5 cm × 3 mm	581329-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 2 cm × 4.6 mm	581330-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 3 cm × 4.6 mm	581331-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 5 cm × 4.6 mm	581323-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 7.5 cm × 4.6 mm	581332-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 15 cm × 4.6 mm	581324-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 25 cm × 4.6 mm	581325-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 5 cm × 10 mm	581340-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 10 cm × 10 mm	581341-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 15 cm × 10 mm	581342-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 25 cm × 10 mm	581343-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 5 cm × 21.2 mm	581344-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 10 cm × 21.2 mm	581345-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 15 cm × 21.2 mm	581346-U
Ascentis® C18 HPLC Column, 5 µm particle size, L × I. D. 25 cm × 21.2 mm	581347-U
Ascentis® C18 HPLC Column, 10 µm particle size, L × I. D. 15 cm × 4.6 mm	581350-U

* Name	Catalog Number
Ascentis® C18 HPLC Column, 10 µm particle size, L × I.D. D. 25 cm × 4.6 mm	581351-U
Ascentis® C18 HPLC Column, 10 µm particle size, L × I.D. D. 5 cm × 10 mm	581352-U
Ascentis® C18 HPLC Column, 10 µm particle size, L × I.D. D. 10 cm × 10 mm	581353-U
Ascentis® C18 HPLC Column, 10 µm particle size, L × I.D. D. 15 cm × 10 mm	581354-U
Ascentis® C18 HPLC Column, 10 µm particle size, L × I.D. D. 25 cm × 10 mm	581355-U
Ascentis® C18 HPLC Column, 10 µm particle size, L × I.D. D. 5 cm × 21.2 mm	581356-U
Ascentis® C18 HPLC Column, 10 µm particle size, L × I.D. D. 10 cm × 21.2 mm	581357-U
Ascentis® C18 HPLC Column, 10 µm particle size, L × I.D. D. 15 cm × 21.2 mm	581358-U
Ascentis® C18 HPLC Column, 10 µm particle size, L × I.D. D. 25 cm × 21.2 mm	581359-U
Ascentis® C18 Supelguard™ Guard Cartridge, Kit, 3 µm particle size, L × I.D. 2 cm × 2.1 mm	581376-U
Ascentis® C18 Supelguard™ Guard Cartridge, 3 µm particle size, L × I.D. 2 cm × 2.1 mm, pkg of 2 ea	581377-U
Ascentis® C18 Supelguard™ Guard Cartridge, Kit, 3 µm particle size, L × I.D. 2 cm × 4 mm	581378-U
Ascentis® C18 Supelguard™ Guard Cartridge, 3 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 2 ea	581379-U
Ascentis® C18 Supelguard™ Guard Cartridge, 10 µm particle size, L × I.D. 1 cm × 10 mm, Guard column	581388-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 10 cm × 1 mm	581435-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 2 cm × 2.1 mm	581413-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 3 cm × 2.1 mm	581414-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 10 cm × 2.1 mm	581401-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 5 cm × 2.1 mm	581400-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 15 cm × 2.1 mm	581402-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 2 cm × 3 mm	581415-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 3 cm × 3 mm	581403-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 5 cm × 3 mm	581404-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 10 cm × 3 mm	581405-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 2 cm × 4.6 mm	581416-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 3 cm × 4.6 mm	581417-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 5 cm × 4.6 mm	581406-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 10 cm × 4.6 mm	581407-U
Ascentis® C8 HPLC Column, 3 µm particle size, L × I. D. 15 cm × 4.6 mm	581408-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 2 cm × 2.1 mm	581439-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 3 cm × 2.1 mm	581430-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 5 cm × 2.1 mm	581420-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 10 cm × 2.1 mm	581419-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 15 cm × 2.1 mm	581421-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 25 cm × 2.1 mm	581422-U

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Supelco: Ascentis

* Name	Catalog Number
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 2 cm × 3 mm	581431-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 3 cm × 3 mm	581440-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 5 cm × 3 mm	581432-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 2 cm × 4.6 mm	581433-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 3 cm × 4.6 mm	581434-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 5 cm × 4.6 mm	581423-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 15 cm × 4.6 mm	581424-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 25 cm × 4.6 mm	581425-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 25 cm × 10 mm	581441-U
Ascentis® C8 HPLC Column, 5 µm particle size, L × I. D. 25 cm × 21.2 mm	581442-U
Ascentis® C8 HPLC Column, 10 µm particle size, L × I. D. 25 cm × 4.6 mm	581444-U
Ascentis® C8 HPLC Column, 10 µm particle size, L × I. D. 25 cm × 10 mm	581445-U
Ascentis® C8 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 2 ea	581426-U
Ascentis® C8 Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 4 mm	581427-U
Ascentis® ES-Cyano HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	577308-U
Ascentis® ES-Cyano HPLC Column, 3 µm particle size, L × I.D. 10 cm × 2.1 mm	577309-U
Ascentis® ES-Cyano HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	577310-U
Ascentis® ES-Cyano HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	577311-U
Ascentis® ES-Cyano HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	577312-U
Ascentis® ES-Cyano HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	577300-U
Ascentis® ES-Cyano HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	577301-U
Ascentis® ES-Cyano HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	577303-U
Ascentis® ES-Cyano HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	577304-U
Ascentis® ES-Cyano HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	577305-U
Ascentis® ES-Cyano HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	577306-U
Ascentis® ES-Cyano HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	577307-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 2 cm × 3.0 mm	64047-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 2 cm × 4.6 mm	64051-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 3 cm × 2.1 mm	64054-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 3 cm × 3.0 mm	64055-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 3 cm × 4.6 mm	64056-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 5 cm × 2.1 mm	64057-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 5 cm × 3.0 mm	64058-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 5 cm × 4.6 mm	64059-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 7.5 cm × 2.1 mm	64061-U

* Name	Catalog Number
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 7.5 cm × 3.0 mm	64062-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 7.5 cm × 4.6 mm	64064-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 10 cm × 2.1 mm	64065-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 10 cm × 3.0 mm	64066-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 10 cm × 4.6 mm	64067-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 15 cm × 2.1 mm	64068-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 15 cm × 3.0 mm	64069-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 15 cm × 4.6 mm	64071-U
Ascentis® Express Biphenyl Column, 2.7 µm particle size, L × I.D. 2 cm × 2.1 mm	64043-U
Ascentis® Express Biphenyl Guard Column, pkg of 3 ea, 2.7 µm particle size, L × I.D. 0.5 cm × 2.1 mm	64074-U
Ascentis® Express Biphenyl Guard Column, pkg of 3 ea, 2.7 µm particle size, L × I.D. 0.5 cm × 3.0 mm	64076-U
Ascentis® Express Biphenyl Guard Column, pkg of 3 ea, 2.7 µm particle size, L × I.D. 0.5 cm × 4.6 mm	64078-U
Ascentis® Express C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 75 µm	53982-U
Ascentis® Express C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 100 µm	53985-U
Ascentis® Express C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 200 µm	53989-U
Ascentis® Express C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 300 µm	53992-U
Ascentis® Express C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 500 µm	53998-U
Ascentis® Express C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 75 µm	54219-U
Ascentis® Express C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 100 µm	54256-U
Ascentis® Express C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 200 µm	54261-U
Ascentis® Express C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 300 µm	54271-U
Ascentis® Express C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 500 µm	54273-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 2 cm × 2.1 mm	53799-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 3 cm × 2.1 mm	53802-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 7.5 cm × 2.1 mm	53804-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 2.1 mm	53822-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 10 cm × 2.1 mm	53823-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 2.1 mm	53825-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 3 cm × 3 mm	53805-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 3 mm	53811-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 7.5 cm × 3 mm	53812-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 10 cm × 3 mm	53814-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 3 mm	53816-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 3 cm × 4.6 mm	53818-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 4.6 mm	53826-U

High-performance Liquid Chromatography (HPLC)

Supelco: Ascentis

* Name	Catalog Number
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 4.6 mm	53819-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 4.6 mm	53827-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 4.6 mm	53829-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 1 mm	582711-U
Ascentis® Express C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 10 mm	53793-U
Ascentis® Express C18, 2.7 Micron Validation Pack, 2.7 µm particle size, L x I.D. 5 cm x 2.1 mm, pkg of 3 ea, Validation Pack	53994-U
Ascentis® Express C18, 2.7 Micron Validation Pack, 2.7 µm particle size, L x I.D. 10 cm x 4.6 mm, pkg of 3 ea, Validation Pack	53995-U
Ascentis® Express C18, 2.7 Micron Validation Pack, 2.7 µm particle size, L x I.D. 15 cm x 4.6 mm, pkg of 3 ea, Validation Pack	53996-U
Ascentis® Express C18, 5 Micron Guard Cartridge, 5 µm particle size, L x I.D. 5 mm x 2.1 mm, pkg of 3 ea	50539-U
Ascentis® Express C18, 5 Micron Guard Cartridge, 5 µm particle size, L x I.D. 5 mm x 3 mm, pkg of 3 ea	50541-U
Ascentis® Express C18, 5 Micron Guard Cartridge, 5 µm particle size, L x I.D. 5 mm x 4.6 mm, pkg of 3 ea	50542-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	50507-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 3 cm x 2.1 mm	50508-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 5 cm x 2.1 mm	50509-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 7.5 cm x 2.1 mm	50511-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	50517-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	50518-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	50521-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 3 cm x 3 mm	50522-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 5 cm x 3 mm	50523-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 7.5 cm x 3 mm	50525-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 10 cm x 3 mm	50526-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 15 cm x 3 mm	50527-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 25 cm x 3 mm	50528-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 3 cm x 4.6 mm	50529-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	50530-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 7.5 cm x 4.6 mm	50533-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	50536-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	50537-U
Ascentis® Express C18, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	50538-U
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 2 cm x 2.1 mm	50805-U
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 3 cm x 2.1 mm	50809-U
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 5 cm x 2.1 mm	50811-U

* Name	Catalog Number
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 7.5 cm x 2.1 mm	50812-U
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 10 cm x 2.1 mm	50813-U
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 15 cm x 2.1 mm	50814-U
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 3 cm x 3 mm	50815-U
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 5 cm x 3 mm	50816-U
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 7.5 cm x 3 mm	50817-U
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 10 cm x 3 mm	50819-U
Ascentis® Express C18, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 15 cm x 3 mm	50821-U
Ascentis® Express C18 PCP HPLC Columns, 2.7 µm particle size, L x I.D. 10 cm x 4.6 mm	50461-U
Ascentis® Express C18 PCP HPLC Columns, 2.7 µm particle size, L x I.D. 15 cm x 4.6 mm	50462-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 2 cm x 2.1 mm	53795-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 2.1 mm	53839-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 2.1 mm	53831-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 2.1 mm	53843-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 2.1 mm	53832-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 2.1 mm	53834-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 3 mm	53844-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 3 mm	53848-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 3 mm	53849-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 3 mm	53852-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 3 mm	53853-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 4.6 mm	53857-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 4.6 mm	53836-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 4.6 mm	53858-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 4.6 mm	53837-U
Ascentis® Express C8, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 4.6 mm	53838-U
Ascentis® Express C8 Capillary, 2.7 micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 75 µm	53983-U
Ascentis® Express C8 Capillary, 2.7 micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 100 µm	53987-U
Ascentis® Express C8 Capillary, 2.7 micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 200 µm	53991-U
Ascentis® Express C8 Capillary, 2.7 micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 300 µm	53997-U
Ascentis® Express C8 Capillary, 2.7 micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 500 µm	53999-U
Ascentis® Express C8 Capillary, 2.7 micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 75 µm	54229-U
Ascentis® Express C8 Capillary, 2.7 micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 100 µm	54260-U
Ascentis® Express C8 Capillary, 2.7 micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 200 µm	54262-U
Ascentis® Express C8 Capillary, 2.7 micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 300 µm	54272-U

High-performance Liquid Chromatography (HPLC)

Supelco: Ascentis

* Name	Catalog Number
Ascentis® Express ES-Cyano, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	50591-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 2 cm x 2.1 mm	51709-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 3 cm x 2.1 mm	51712-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 5 cm x 2.1 mm	51717-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 7.5 cm x 2.1 mm	51721-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 10 cm x 2.1 mm	51724-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 15 cm x 2.1 mm	51725-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 3 cm x 3 mm	51727-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 5 cm x 3 mm	51728-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 7.5 cm x 3 mm	51729-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 10 cm x 3 mm	51732-U
Ascentis® Express ES-Cyano, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 15 cm x 3 mm	51734-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 2 cm x 2.1 mm	53592-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 2.1 mm	53566-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 2.1 mm	53567-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 2.1 mm	53568-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 2.1 mm	53569-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 2.1 mm	53571-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 3 mm	53574-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 3 mm	53576-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 3 mm	53577-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 3 mm	53578-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 3 mm	53579-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 4.6 mm	53581-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 4.6 mm	53583-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 4.6 mm	53584-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 4.6 mm	53590-U
Ascentis® Express F5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 4.6 mm	53591-U
Ascentis® Express F5, 5 Micron Guard Cartridge, 5 µm particle size, L x I.D. 5 mm x 2.1 mm, pkg of 3 ea	50633-U
Ascentis® Express F5, 5 Micron Guard Cartridge, 5 µm particle size, L x I.D. 5 mm x 3 mm, pkg of 3 ea	50634-U
Ascentis® Express F5, 5 Micron Guard Cartridge, 5 µm particle size, L x I.D. 5 mm x 4.6 mm, pkg of 3 ea	50635-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	50603-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 3 cm x 2.1 mm	50604-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 5 cm x 2.1 mm	50605-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 7.5 cm x 2.1 mm	50607-U

* Name	Catalog Number
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	50612-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	50613-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	50614-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 3 cm x 3 mm	50615-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 5 cm x 3 mm	50616-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 7.5 cm x 3 mm	50619-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 10 cm x 3 mm	50622-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 15 cm x 3 mm	50623-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 25 cm x 3 mm	50624-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 3 cm x 4.6 mm	50625-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	50626-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 7.5 cm x 4.6 mm	50627-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	50628-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	50631-U
Ascentis® Express F5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	50632-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 2 cm x 2.1 mm	50857-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 3 cm x 2.1 mm	50858-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 5 cm x 2.1 mm	50859-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 7.5 cm x 2.1 mm	50861-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 10 cm x 2.1 mm	50863-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 15 cm x 2.1 mm	50867-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 3 cm x 3 mm	50869-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 5 cm x 3 mm	50871-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 7.5 cm x 3 mm	50876-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 10 cm x 3 mm	50879-U
Ascentis® Express F5, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 15 cm x 3 mm	50881-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 2.1 mm	53933-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 2.1 mm	53934-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 2.1 mm	53938-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 2.1 mm	53939-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 2.1 mm	53946-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 3 mm	53964-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 3 mm	53967-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 3 mm	53969-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 3 mm	53970-U

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Supelco: Ascentis

* Name	Catalog Number
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 3 mm	53972-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 4.6 mm	53974-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 4.6 mm	53975-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 4.6 mm	53977-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 4.6 mm	53979-U
Ascentis® Express HILIC, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 4.6 mm	53981-U
Ascentis® Express HILIC, 2 Micron Guard Cartridge, 2 µm particle size, L x I.D. 5 mm x 2.1 mm, pkg of x 3 ea	51430-U
Ascentis® Express HILIC, 2 Micron Guard Cartridge, 2 µm particle size, L x I.D. 5 mm x 3 mm, pkg of 3 ea	51433-U
Ascentis® Express HILIC, 5 Micron Guard Cartridge, 5 µm particle size, L x I.D. 5 mm x 2.1 mm, pkg of 3 ea	50295-U
Ascentis® Express HILIC, 5 Micron Guard Cartridge, 5 µm particle size, L x I.D. 5 mm x 3 mm, pkg of 3 ea	50297-U
Ascentis® Express HILIC, 5 Micron Guard Cartridge, 5 µm particle size, L x I.D. 5 mm x 4.6 mm, pkg of 3 ea	50298-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	50255-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 3 cm x 2.1 mm	50256-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 5 cm x 2.1 mm	50257-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 7.5 cm x 2.1 mm	50258-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	50260-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	50261-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	50262-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 3 cm x 3 mm	50264-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 5 cm x 3 mm	50265-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 7.5 cm x 3 mm	50268-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 10 cm x 3 mm	50269-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 15 cm x 3 mm	50270-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 25 cm x 3 mm	50276-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 3 cm x 4.6 mm	50278-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	50284-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 7.5 cm x 4.6 mm	50286-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	50288-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	50289-U
Ascentis® Express HILIC, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	50294-U
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 2 cm x 2.1 mm	51403-U
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 3 cm x 2.1 mm	51404-U
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 5 cm x 2.1 mm	51406-U
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 7.5 cm x 2.1 mm	51408-U

* Name	Catalog Number
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 10 cm x 2.1 mm	51409-U
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 15 cm x 2.1 mm	51418-U
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 3 cm x 3 mm	51419-U
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 5 cm x 3 mm	51421-U
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 7.5 cm x 3 mm	51424-U
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 10 cm x 3 mm	51428-U
Ascentis® Express HILIC, 2 Micron UHPLC Column, 2 µm particle size, L x I.D. 15 cm x 3 mm	51429-U
Ascentis® Express OH5, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L x I.D. 5 mm x 2.1 mm, pkg of 3 ea	53780-U
Ascentis® Express OH5, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L x I.D. 5 mm x 3 mm, pkg of 3 ea	53781-U
Ascentis® Express OH5, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L x I.D. 5 mm x 4.6 mm, pkg of 3 ea	53782-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 2 cm x 2.1 mm	53779-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 2.1 mm	53748-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 2.1 mm	53749-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 2.1 mm	53755-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 2.1 mm	53757-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 2.1 mm	53764-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 3 mm	53766-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 3 mm	53767-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 3 mm	53768-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 3 mm	53769-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 3 mm	53771-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 3 cm x 4.6 mm	53772-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 5 cm x 4.6 mm	53774-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 7.5 cm x 4.6 mm	53775-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 10 cm x 4.6 mm	53776-U
Ascentis® Express OH5, 2.7 Micron HPLC Column, 2.7 µm particle size, L x I.D. 15 cm x 4.6 mm	53778-U
Ascentis® Express OH5, 2 Micron Guard Cartridge, 2 µm particle size, L x I.D. 5 mm x 2.1 mm, pkg of 3 ea	50969-U
Ascentis® Express OH5, 2 Micron Guard Cartridge, 2 µm particle size, L x I.D. 5 mm x 3 mm, pkg of 3 ea	50973-U
Ascentis® Express OH5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	50313-U
Ascentis® Express OH5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 3 cm x 2.1 mm	50314-U
Ascentis® Express OH5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 5 cm x 2.1 mm	50317-U
Ascentis® Express OH5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 7.5 cm x 2.1 mm	50321-U
Ascentis® Express OH5, 5 Micron HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	50322-U

High-performance Liquid Chromatography (HPLC)

Supelco: Ascentis

* Name	Catalog Number
Ascentis® Phenyl HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	581618-U
Ascentis® Phenyl HPLC Column, 5 µm particle size, L × I.D. 25 cm × 21.2 mm	581619-U
Ascentis® Phenyl Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 2 ea	581620-U
Ascentis® Phenyl Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 4 mm	581621-U
Ascentis Phenyl Validation Pack, 5 µm particle size, L × I.D. 25 cm × 4.6 mm, Validation Pack, pkg of 3 ea	581696-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 5 cm × 1 mm	565309-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 10 cm × 1 mm	565389-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 15 cm × 1.0 mm	65566-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 2 cm × 2.1 mm	565313-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 3 cm × 2.1 mm	565314-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	565300-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 10 cm × 2.1 mm	565301-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	565302-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 2 cm × 3 mm	565315-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 3 cm × 3 mm	565310-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 5 cm × 3 mm	565311-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 10 cm × 3 mm	565312-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 2 cm × 4.6 mm	565316-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 3 cm × 4.6 mm	565317-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	565320-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	565321-U
Ascentis® RP-Amide HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	565322-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	565391-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 3 cm × 2.1 mm	565331-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	565303-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	565304-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	565305-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 25 cm × 2.1 mm	565306-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 2 cm × 3 mm	565332-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 3 cm × 3 mm	565392-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 5 cm × 3 mm	565333-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3 mm	565338-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4 mm	565327-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 2 cm × 4.6 mm	565335-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 3 cm × 4.6 mm	565336-U

* Name	Catalog Number
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	565323-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	565328-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	565324-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	565325-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 5 cm × 10 mm	565340-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 10 cm × 10 mm	565341-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 15 cm × 10 mm	565343-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	565344-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 5 cm × 21.2 mm	565345-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 10 cm × 21.2 mm	565346-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 15 cm × 21.2 mm	565347-U
Ascentis® RP-Amide HPLC Column, 5 µm particle size, L × I.D. 25 cm × 21.2 mm	565348-U
Ascentis® RP-Amide HPLC Column, 10 µm particle size, L × I.D. 15 cm × 4.6 mm	565352-U
Ascentis® RP-Amide HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.6 mm	565353-U
Ascentis® RP-Amide HPLC Column, 10 µm particle size, L × I.D. 5 cm × 10 mm	565354-U
Ascentis® RP-Amide HPLC Column, 10 µm particle size, L × I.D. 10 cm × 10 mm	565355-U
Ascentis® RP-Amide HPLC Column, 10 µm particle size, L × I.D. 15 cm × 10 mm	565356-U
Ascentis® RP-Amide HPLC Column, 10 µm particle size, L × I.D. 25 cm × 10 mm	565357-U
Ascentis® RP-Amide HPLC Column, 10 µm particle size, L × I.D. 5 cm × 21.2 mm	565358-U
Ascentis® RP-Amide HPLC Column, 10 µm particle size, L × I.D. 10 cm × 21.2 mm	565359-U
Ascentis® RP-Amide HPLC Column, 10 µm particle size, L × I.D. 15 cm × 21.2 mm	565360-U
Ascentis® RP-Amide HPLC Column, 10 µm particle size, L × I.D. 25 cm × 21.2 mm	565361-U
Ascentis® RP-Amide Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 10 mm, Guard column	565376-U
Ascentis RP-Amide Validation Pack, 5 µm particle size, L × I.D. 25 cm × 4.6 mm, Validation Pack, pkg of 3 ea	565395-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 10 cm × 1 mm	581520-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 15 cm × 1 mm	581521-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 3 cm × 2.1 mm	581522-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	581500-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 10 cm × 2.1 mm	581501-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	581502-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 3 cm × 3 mm	581523-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 10 cm × 3 mm	581503-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	581504-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	581505-U
Ascentis® Si HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	581506-U

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Supelco: Ascentis

* Name	Catalog Number
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	581507-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	581508-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	581509-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 25 cm × 2.1 mm	581510-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	581511-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	581512-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	581513-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	581514-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 25 cm × 21.2 mm	581515-U
Ascentis® Si HPLC Column, 10 µm particle size, L × I. D. 25 cm × 10 mm	581516-U
Ascentis® Si HPLC Column, 10 µm particle size, L × I. D. 25 cm × 21.2 mm	581517-U
Ascentis® Si HPLC Column, 10 µm particle size, L × I. D. 25 cm × 4.6 mm	581524-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 5 cm × 3 mm	581525-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 10 cm × 3 mm	581526-U
Ascentis® Si HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3 mm	581527-U
Ascentis® Si Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 2 ea	581518-U
Ascentis® Si Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 4 mm	581519-U

Guard Columns

* Name	Catalog Number
Ascentis® C18 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm, pkg of 2 ea	581370-U
Ascentis® C18 Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	581371-U
Ascentis® C18 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm, pkg of 2 ea	581374-U
Ascentis® C18 Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 3 mm	581375-U
Ascentis® C18 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 2 ea	581372-U
Ascentis® C18 Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 4 mm	581373-U
Ascentis® Express C18, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	53501-U
Ascentis® Express C18, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	53504-U
Ascentis® Express C18, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	53508-U
Ascentis® Express C18, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	50822-U
Ascentis® Express C18, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	50823-U
Ascentis® Express C8, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	53509-U
Ascentis® Express C8, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	53511-U

* Name	Catalog Number
Ascentis® Express C8, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	53512-U
Ascentis® Express C8, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	51676-U
Ascentis® Express C8, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	51679-U
Ascentis® Express C8, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	50395-U
Ascentis® Express C8, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	50396-U
Ascentis® Express C8, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	50399-U
Ascentis® Express ES-Cyano, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	51736-U
Ascentis® Express ES-Cyano, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	51739-U
Ascentis® Express ES-Cyano, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	50592-U
Ascentis® Express ES-Cyano, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	50593-U
Ascentis® Express ES-Cyano, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	50597-U
Ascentis® Express F5, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	53594-U
Ascentis® Express F5, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	53597-U
Ascentis® Express F5, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	53599-U
Ascentis® Express F5, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	50884-U
Ascentis® Express F5, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	50886-U
Ascentis® Express Guard Cartridge Holder, for use with Ascentis Express Guard Columns, pk of 1	53500-U
Ascentis® Express HILIC, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	53520-U
Ascentis® Express HILIC, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	53521-U
Ascentis® Express HILIC, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	53523-U
Ascentis® Express Phenyl-Hexyl, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	53524-U
Ascentis® Express Phenyl-Hexyl, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	53526-U
Ascentis® Express Phenyl-Hexyl, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	53531-U
Ascentis® Express Phenyl-Hexyl, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	51619-U
Ascentis® Express Phenyl-Hexyl, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	51623-U
Ascentis® Express Phenyl-Hexyl, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	50496-U
Ascentis® Express Phenyl-Hexyl, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	50497-U

* Name	Catalog Number
Ascentis® Express Phenyl-Hexyl, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	50498-U
Ascentis® Express RP-Amide, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	53514-U
Ascentis® Express RP-Amide, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	53516-U
Ascentis® Express RP-Amide, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	53519-U
Ascentis® Express RP-Amide, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	51594-U
Ascentis® Express RP-Amide, 2 Micron Guard Cartridge, 2 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	51595-U
Ascentis® Express RP-Amide, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	50776-U
Ascentis® Express RP-Amide, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	50777-U
Ascentis® Express RP-Amide, 5 Micron Guard Cartridge, 5 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	50779-U
Ascentis® RP-Amide Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm, pkg of 2 ea	565372-U
Ascentis® RP-Amide Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	565373-U
Ascentis® RP-Amide Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm, pkg of 2 ea	565374-U
Ascentis® RP-Amide Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 3 mm	565375-U
Ascentis® RP-Amide Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 2 ea	565370-U
Ascentis® RP-Amide Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 4 mm	565371-U

Bioshell

Columns

* Name	Catalog Number
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 75 µm	53543-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 100 µm	53544-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 200 µm	53545-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 300 µm	53546-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 500 µm	53547-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 1 mm	53548-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 75 µm	53549-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, L × I.D. 15 cm × 100 µm, 2.7 µm particle size	53552-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 200 µm	53553-U

* Name	Catalog Number
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 300 µm	53554-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 500 µm	53558-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Capillary HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 1 mm	53561-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 3 cm × 2.1 mm	53299-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 2.1 mm	53301-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 7.5 cm × 2.1 mm	53304-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 10 cm × 2.1 mm	53306-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 2.1 mm	53307-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 3 cm × 3 mm	53308-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 3 mm	53311-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 7.5 cm × 3 mm	53312-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 10 cm × 3 mm	53313-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 3 mm	53314-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 3 cm × 4.6 mm	53316-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 4.6 mm	53318-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 7.5 cm × 4.6 mm	53323-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 10 cm × 4.6 mm	53324-U
Ascentis® Express Peptide ES-C18, 2.7 Micron HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 4.6 mm	53328-U
BIOshell™ 160Å Peptide C18 Guard Column, 2.0 µm particle size, L × I.D. 0.5 cm × 2.1 mm	67281-U
BIOshell™ 160Å Peptide C18 Guard Column, 2.0 µm particle size, L × I.D. 0.5 cm × 3.0 mm	67282-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 3 cm × 2.1 mm	66901-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 2.1 mm	66902-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 7.5 × 2.1 mm	66903-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 10 cm × 2.1 mm	66904-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 2.1 mm	66905-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 3 cm × 3 mm	66906-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 3 mm	66907-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 10 cm × 3 mm	66908-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 3 mm	66909-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 4.6 mm	66913-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 10 cm × 4.6 mm	66915-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 15 cm × 4.6 mm	66917-U
BIOshell™ A160 Peptide C18, 2.7 µm HPLC Column, 2.7 µm particle size, L × I.D. 5 cm × 75 µm	67085-U

High-performance Liquid Chromatography (HPLC)

Supelco: Bioshell

* Name	Catalog Number
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 3 cm × 2.1 mm	67061-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 5 cm × 2.1 mm	67062-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 7.5 cm × 2.1 mm	67063-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 10 cm × 2.1 mm	67064-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 15 cm × 2.1 mm	67065-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 3 cm × 3 mm	67066-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 5 cm × 3 mm	67067-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 10 cm × 3 mm	67068-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 15 cm × 3 mm	67069-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 5 cm × 4.6 mm	67071-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 10 cm × 4.6 mm	67080-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 4.7 µm particle size, L × I.D. 15 cm × 4.6 mm	67081-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 5 cm × 75 µm	67305-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 15 cm × 75 µm	67307-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 5 cm × 100 µm	67311-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 15 cm × 100 µm	67312-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 5 cm × 200 µm	67314-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 15 cm × 200 µm	67315-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 5 cm × 300 µm	67321-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 15 cm × 300 µm	67324-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 5 cm × 500 µm	67325-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 15 cm × 500 µm	67326-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 5 cm × 1 mm	67327-U
BIOshell™ A160 Peptide CN, 5 µm HPLC Column, 5 µm particle size, L × I.D. 15 cm × 1 mm	67329-U
BIOshell™ A400 Protein C18 Column, L × I.D. 2 cm × 2.1 mm, 3.4 µm particle size	67457-U
BIOshell™ A400 Protein C18 Column, L × I.D. 3 cm × 2.1 mm, 3.4 µm particle size	67458-U
BIOshell™ A400 Protein C18 Column, L × I.D. 5 cm × 2.1 mm, 3.4 µm particle size	67459-U
BIOshell™ A400 Protein C18 Column, L × I.D. 7.5 cm × 2.1 mm, 3.4 µm particle size	67462-U
BIOshell™ A400 Protein C18 Column, L × I.D. 10 cm × 2.1 mm, 3.4 µm particle size	67463-U
BIOshell™ A400 Protein C18 Column, L × I.D. 15 cm × 2.1 mm, 3.4 µm particle size	67469-U
BIOshell™ A400 Protein C18 Column, L × I.D. 2 cm × 3 mm, 3.4 µm particle size	67471-U
BIOshell™ A400 Protein C18 Column, L × I.D. 3 cm × 3 mm, 3.4 µm particle size	67472-U
BIOshell™ A400 Protein C18 Column, L × I.D. 5 cm × 3 mm, 3.4 µm particle size	67473-U
BIOshell™ A400 Protein C18 Column, L × I.D. 7.5 cm × 3 mm, 3.4 µm particle size	67474-U
BIOshell™ A400 Protein C18 Column, L × I.D. 10 cm × 3 mm, 3.4 µm particle size	67475-U

* Name	Catalog Number
BIOshell™ A400 Protein C18 Column, L × I.D. 15 cm × 3 mm, 3.4 µm particle size	67477-U
BIOshell™ A400 Protein C18 Column, L × I.D. 2 cm × 4.6 mm, 3.4 µm particle size	67478-U
BIOshell™ A400 Protein C18 Column, L × I.D. 3 cm × 4.6 mm, 3.4 µm particle size	67482-U
BIOshell™ A400 Protein C18 Column, L × I.D. 5 cm × 4.6 mm, 3.4 µm particle size	67483-U
BIOshell™ A400 Protein C18 Column, L × I.D. 7.5 cm × 4.6 mm, 3.4 µm particle size	67485-U
BIOshell™ A400 Protein C18 Column, L × I.D. 10 cm × 4.6 mm, 3.4 µm particle size	67487-U
BIOshell™ A400 Protein C18 Column, L × I.D. 15 cm × 4.6 mm, 3.4 µm particle size	67488-U
BIOshell™ A400 Protein C18 Column, L × I.D. 5 cm × 75 µm, 3.4 µm particle size	67489-U
BIOshell™ A400 Protein C18 Column, L × I.D. 15 cm × 75 µm, 3.4 µm particle size	67490-U
BIOshell™ A400 Protein C18 Column, L × I.D. 5 cm × 100 µm, 3.4 µm particle size	67491-U
BIOshell™ A400 Protein C18 Column, L × I.D. 15 cm × 100 µm, 3.4 µm particle size	67493-U
BIOshell™ A400 Protein C18 Column, L × I.D. 5 cm × 200 µm, 3.4 µm particle size	67494-U
BIOshell™ A400 Protein C18 Column, L × I.D. 15 cm × 200 µm, 3.4 µm particle size	67495-U
BIOshell™ A400 Protein C18 Column, L × I.D. 5 cm × 300 µm, 3.4 µm particle size	67496-U
BIOshell™ A400 Protein C18 Column, L × I.D. 15 cm × 300 µm, 3.4 µm particle size	67497-U
BIOshell™ A400 Protein C18 Column, L × I.D. 5 cm × 500 µm, 3.4 µm particle size	67499-U
BIOshell™ A400 Protein C18 Column, L × I.D. 15 cm × 500 µm, 3.4 µm particle size	67502-U
BIOshell™ A400 Protein C18 Column, L × I.D. 5 cm × 1 mm, 3.4 µm particle size	67503-U
BIOshell™ A400 Protein C18 Column, L × I.D. 15 cm × 1 mm, 3.4 µm particle size	67504-U
BIOshell™ A400 Protein C18 Guard Column, L × I.D. 0.5 cm × 2.1 mm, 3.4 µm particle size, pkg of 3 ea	67505-U
BIOshell™ A400 Protein C18 Guard Column, L × I.D. 0.5 cm × 3 mm, 3.4 µm particle size, pkg of 3 ea	67506-U
BIOshell™ A400 Protein C18 Guard Column, L × I.D. 0.5 cm × 4.6 mm, 3.4 µm particle size, pkg of 3 ea	67508-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 5 cm × 2.1 mm	66824-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 10 cm × 2.1 mm	66825-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 15 cm × 2.1 mm	66826-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 5 cm × 4.6 mm	66827-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 10 cm × 4.6 mm	66828-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 15 cm × 4.6 mm	66829-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 5 cm × 75 µm	67031-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 15 cm × 75 µm	67032-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 5 cm × 100 µm	67033-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 15 cm × 100 µm	67034-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 5 cm × 200 µm	67036-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 15 cm × 200 µm	67037-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 5 cm × 300 µm	67038-U

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Supelco: Bioshell

* Name	Catalog Number
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 15 cm × 300 µm	67039-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 5 cm × 500 µm	67040-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 15 cm × 500 µm	67041-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 5 cm × 1 mm	67042-U
BIOshell™ A400 Protein C4, 3.4 µm HPLC Column, 3.4 µm particle size, L × I.D. 15 cm × 1 mm	67045-U
BIOshell™ Glycan HPLC Columns, L × I.D. 5 cm × 2.1 mm	50991-U
BIOshell™ Glycan HPLC Columns, L × I.D. 10 cm × 2.1 mm	50993-U
BIOshell™ Glycan HPLC Columns, L × I.D. 15 cm × 2.1 mm	50994-U
BIOshell™ Glycan HPLC Columns, L × I.D. 5 cm × 4.6 mm	50997-U
BIOshell™ Glycan HPLC Columns, L × I.D. 10 cm × 4.6 mm	50998-U
BIOshell™ Glycan HPLC Columns, L × I.D. 15 cm × 4.6 mm	50999-U
Visiprep™ Large Volume Sampler Tube Adapters, 1/4-28 Threads, for use with 12, 20, or 60mL SPE tubes, pk of 3	57274-U 67274-U

Guard Columns

* Name	Catalog Number
Ascentis® Express Peptide ES-C18, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	53536-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	53537-U
Ascentis® Express Peptide ES-C18, 2.7 Micron Guard Cartridge, 2.7 µm particle size, L × I.D. 5 mm × 4.6 mm, pkg of 3 ea	53542-U
BIOshell™ A160 Peptide C18, 2.7 µm Guard Cartridge, 2.7 µm particle size, L × I.D. 0.5 cm × 2.1 mm, pkg of 3 ea	66918-U
BIOshell™ A160 Peptide C18, 2.7 µm Guard Cartridge, 2.7 µm particle size, L × I.D. 0.5 cm × 3 mm, pkg of 3 ea	66919-U
BIOshell™ A160 Peptide C18, 2.7 µm Guard Cartridge, 2.7 µm particle size, L × I.D. 0.5 cm × 4.6 mm, pkg of 3 ea	66921-U
BIOshell™ A160 Peptide C18, 5 µm Guard Cartridge, 4.7 µm particle size, L × I.D. 0.5 cm × 2.1 mm, pkg of 3 ea	67016-U
BIOshell™ A160 Peptide C18, 5 µm Guard Cartridge, 4.7 µm particle size, L × I.D. 0.5 cm × 3 mm, pkg of 3 ea	67017-U
BIOshell™ A160 Peptide C18, 5 µm Guard Cartridge, 4.7 µm particle size, L × I.D. 0.5 cm × 4.6 mm, pkg of 3 ea	67018-U
BIOshell™ A160 Peptide CN, 2.7 µm Guard Cartridge, 2.7 µm particle size, L × I.D. 0.5 cm × 2.1 mm, pkg of 3 ea	66977-U
BIOshell™ A160 Peptide CN, 2.7 µm Guard Cartridge, 2.7 µm particle size, L × I.D. 0.5 cm × 3 mm, pkg of 3 ea	66978-U
BIOshell™ A160 Peptide CN, 2.7 µm Guard Cartridge, 2.7 µm particle size, L × I.D. 0.5 cm × 4.6 mm, pkg of 3 ea	66979-U
BIOshell™ A160 Peptide CN, 2.7 µm HPLC Column, 2.7 µm particle size	66965-U
BIOshell™ A160 Peptide CN, 5 µm Guard Cartridge, 4.7 µm particle size, L × I.D. 0.5 cm × 2.1 mm, pkg of 3 ea	67082-U
BIOshell™ A160 Peptide CN, 5 µm Guard Cartridge, 4.7 µm particle size, L × I.D. 0.5 cm × 3 mm, pkg of 3 ea	67083-U

* Name	Catalog Number
BIOshell™ A160 Peptide CN, 5 µm Guard Cartridge, 4.7 µm particle size, L × I.D. 0.5 cm × 4.6 mm, pkg of 3 ea	67084-U
BIOshell™ A400 Protein C4, 3.4 µm Guard Cartridge, 3.4 µm particle size, L × I.D. 0.5 cm × 2.1 mm, pkg of 3 ea	66830-U
BIOshell™ A400 Protein C4, 3.4 µm Guard Cartridge, 3.4 µm particle size, L × I.D. 0.5 cm × 4.6 mm, pkg of 3 ea	66831-U
Guard Cartridge Holder for BIOshell™ Guard Column	66841-U

Chiral Separation

* Name	Catalog Number
Astec® C18 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.6 mm	51324AST
Astec® C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	55022AST
Astec® C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	55023AST
Astec® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	55024AST
Astec® C18 HPLC Column, 3.5 µm particle size, L × I. D. 15 cm × 4 mm	55353AST
Astec® C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	55053AST
Astec® C18 HPLC Column, 3.5 µm particle size, L × I. D. 15 cm × 3 mm	55303AST
Astec® C18 HPLC Column, 3.5 µm particle size, L × I. D. 10 cm × 2.1 mm	55318AST
Astec® C18 HPLC Column, 3.5 µm particle size, L × I. D. 10 cm × 4 mm	55352AST
Astec® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	55034AST
Astec® C18 HPLC Guard Column, 3.5 µm particle size, L × I.D. 2 cm × 2.1 mm	51650AST
Astec® C18 HPLC Guard Column, 5 µm particle size, L × I.D. 2 cm × 4 mm	52134AST
Astec® C8 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	54021AST
Astec® C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	54023AST
Astec® C8 HPLC Column, 3.5 µm particle size, L × I.D. 15 cm × 4 mm	54353AST
Astec® C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	54053AST
Astec® C8 HPLC Column, 3.5 µm particle size, L × I.D. 5 cm × 2.1 mm	54317AST
Astec® C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	54024AST
Astec® C8 HPLC Guard Column, 5 µm particle size, L × I.D. 2 cm × 1 mm	50341AST
Astec® C8 HPLC Guard Column, 5 µm particle size, L × I.D. 2 cm × 4 mm	52133AST
Astec® C8 HPLC Guard Column, 3.5 µm particle size, L × I.D. 2 cm × 4 mm	52333AST
Astec® (R,R) P-CAP™ Chiral HPLC Column, 3.5 µm particle size, L × I.D. 15 cm × 4.6 mm	30023AST
Astec® (R,R) P-CAP™ Chiral HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	31019AST
Astec® (R,R) P-CAP™ Chiral HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	31021AST
Astec® (R,R) P-CAP™ Chiral HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	31022AST
Astec® (R,R) P-CAP™ Chiral HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	31023AST
Astec® (R,R) P-CAP™ Chiral HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	31024AST
Astec® (R,R) P-CAP™ Chiral HPLC Column, 5 µm particle size, L × I.D. 25 cm × 21.2 mm	31044AST

High-performance Liquid Chromatography (HPLC)

Supelco: Chiral Separation

* Name	Catalog Number
Astec® (R,R) P-CAP™ Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	31124AST
Astec® (S,S) P-CAP™ Chiral HPLC Column, 3.5 µm particle size, L x I.D. 5 cm x 4.6 mm	32021AST
Astec® (S,S) P-CAP™ Chiral HPLC Column, 3.5 µm particle size, L x I.D. 15 cm x 4.6 mm	32023AST
Astec® (S,S) P-CAP™ Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	33018AST
Astec® (S,S) P-CAP™ Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	33019AST
Astec® (S,S) P-CAP™ Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	33021AST
Astec® (S,S) P-CAP™ Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	33022AST
Astec® (S,S) P-CAP™ Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	33023AST
Astec® (S,S) P-CAP™ Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	33024AST
Astec® (S,S) P-CAP™ Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	33124AST
Astec® (S,S) P-CAP™ Chiral HPLC Guard Column, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	33100AST
Astec® (R,R) P-CAP™-DP Chiral HPLC Column, 3.5 µm particle size, L x I.D. 15 cm x 4.6 mm	34023AST
Astec® (R,R) P-CAP™-DP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	35023AST
Astec® (R,R) P-CAP™-DP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	35024AST
Astec® (R,R) P-CAP™-DP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	35044AST
Astec® (S,S) P-CAP™-DP Chiral HPLC Column, 3.5 µm particle size, L x I.D. 15 cm x 4.6 mm	36023AST
Astec® (S,S) P-CAP™-DP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	37023AST
Astec® (S,S) P-CAP™-DP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	37024AST
Astec® (R,R) P-CAP™-DP Chiral HPLC Guard Column, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	35100AST
Astec® Cellulose DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	51112AST
Astec® Cellulose DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	51100AST
Astec® Cellulose DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	51101AST
Astec® Cellulose DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	51097AST
Astec® Cellulose DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	51098AST
Astec® Cellulose DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	51099AST
Astec® Cellulose DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	51102AST
Astec® Cellulose DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	51103AST
Astec® Cellulose DMP Chiral HPLC Guard, Kit, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	51105AST
Astec® Cellulose DMP Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm, pkg of 2 ea	51104AST
Astec® Cellulose DMP Chiral HPLC Guard, Kit, 5 µm particle size, L x I.D. 2 cm x 4 mm	51107AST
Astec® Cellulose DMP Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 2 ea	51106AST
Astec® Cellulose DMP Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 1 cm x 10 mm	51108AST
Astec® Cellulose DMP Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 1 cm x 21.2 mm	51109AST
Astec® CHIROBIOTIC® R Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	13018AST
Astec® CHIROBIOTIC® R Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	13019AST

* Name	Catalog Number
Astec® CHIROBIOTIC® R Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	13020AST
Astec® CHIROBIOTIC® R Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 3 mm	13010AST
Astec® CHIROBIOTIC® R Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	13021AST
Astec® CHIROBIOTIC® R Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	13022AST
Astec® CHIROBIOTIC® R Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	13023AST
Astec® CHIROBIOTIC® R Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	13024AST
Astec® CHIROBIOTIC® R Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	13034AST
Astec® CHIROBIOTIC® R Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	13044AST
Astec® CHIROBIOTIC® R Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	13124AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	12018AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	12019AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	12020AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 3 mm	12010AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	12021AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	12022AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	12023AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	12024AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	12034AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	12044AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	12124AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 15 µm particle size, L x I.D. 5 cm x 10 mm	51046AST
Astec® CHIROBIOTIC® T Chiral HPLC Column, 15 µm particle size, L x I.D. 25 cm x 4.6 mm	51047AST
Astec® CHIROBIOTIC® V Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	11018AST
Astec® CHIROBIOTIC® V Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	11019AST
Astec® CHIROBIOTIC® V Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	11020AST
Astec® CHIROBIOTIC® V Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 3 mm	11010AST
Astec® CHIROBIOTIC® V Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	11021AST
Astec® CHIROBIOTIC® V Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	11022AST
Astec® CHIROBIOTIC® V Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	11023AST
Astec® CHIROBIOTIC® V Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	11024AST
Astec® CHIROBIOTIC® V Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	11034AST
Astec® CHIROBIOTIC® V Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	11044AST
Astec® CHIROBIOTIC® R Chiral HPLC Guard Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	13101AST
Astec® CHIROBIOTIC® R Chiral HPLC Guard Column, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	13100AST
Astec® CHIROBIOTIC® T Chiral HPLC Guard Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	12101AST

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Supelco: Chiral Separation

* Name	Catalog Number
Astec® CHIROBIOTIC® T Chiral HPLC Guard Column, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	12100AST
Astec® CHIROBIOTIC® V Chiral HPLC Guard Column, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	11101AST
Astec® CHIROBIOTIC® V Chiral HPLC Guard Column, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	11100AST
Astec® CHIROBIOTIC® HPLC Column Screening Kit, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	10300AST
Astec® CHIROBIOTIC® HPLC Column Screening Kit, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	10305AST
Astec® CHIROBIOTIC® V SMB 8 Column Sets, 15 µm particle size, L x I.D. 5 cm x 10 mm	51045AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	16018AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	16019AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	16020AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	16021AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	16022AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	16023AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	16024AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	16044AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	16124AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Guard Column, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	16101AST
Astec® CHIROBIOTIC® T2 Chiral HPLC Guard Column, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	16100AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	14018AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	14019AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	14020AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	14021AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	14022AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	14023AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	14024AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 10 mm	14232AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	14034AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	14044AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	14124AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Guard, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	14101AST
Astec® CHIROBIOTIC® TAG Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	14100AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	15018AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	15019AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	15020AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	15021AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	15022AST

* Name	Catalog Number
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	15023AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	15024AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	15034AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	15044AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	15124AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Column, 15 µm particle size, L x I.D. 25 cm x 4.6 mm	51041AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Guard Column, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	15101AST
Astec® CHIROBIOTIC® V2 Chiral HPLC Guard Column, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	15100AST
Astec® CHIROBIOTIC® V2 SMB 8 Column Sets, 15 µm particle size, L x I.D. 5 cm x 10 mm	51039AST
Astec® CLC-D Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	53023AST
Astec® CLC-L Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	53123AST
Astec® CYCLOBOND® I 2000 AC Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	20119AST
Astec® CYCLOBOND® I 2000 AC Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	20121AST
Astec® CYCLOBOND® I 2000 AC Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	20122AST
Astec® CYCLOBOND® I 2000 AC Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	20123AST
Astec® CYCLOBOND® I 2000 AC Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	20124AST
Astec® CYCLOBOND® I 2000 AC Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	20134AST
Astec® CYCLOBOND® I 2000 AC Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	22124AST
Astec® CYCLOBOND® I 2000 AC Chiral HPLC Guard, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	21011AST
Astec® CYCLOBOND® I 2000 AC Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	21101AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	20018AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	20019AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	20020AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	20021AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	20022AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	20023AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	20024AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	20034AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	22024AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Guard, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	21010AST
Astec® CYCLOBOND® I 2000 Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	21100AST
Astec® CYCLOBOND® I 2000 DM Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	20919AST
Astec® CYCLOBOND® I 2000 DM Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	20921AST
Astec® CYCLOBOND® I 2000 DM Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	20922AST
Astec® CYCLOBOND® I 2000 DM Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	20923AST

High-performance Liquid Chromatography (HPLC)

Supelco: Chiral Separation

* Name	Catalog Number
Astec® CYCLOBOND® I 2000 DM Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	20924AST
Astec® CYCLOBOND® I 2000 DM Chiral HPLC Guard, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	21019AST
Astec® CYCLOBOND® I 2000 DM Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	21109AST
Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	20719AST
Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	20720AST
Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	20721AST
Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	20722AST
Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	20723AST
Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	20724AST
Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	20734AST
Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	20744AST
Astec® CYCLOBOND® I 2000 DMP Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	22724AST
Astec® CYCLOBOND® I 2000 DNP Chiral HPLC Guard, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	21017AST
Astec® CYCLOBOND® I 2000 DNP Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	21107AST
Astec® CYCLOBOND® I 2000 DNP Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	25018AST
Astec® CYCLOBOND® I 2000 DNP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	25019AST
Astec® CYCLOBOND® I 2000 DNP Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	25021AST
Astec® CYCLOBOND® I 2000 DNP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	25023AST
Astec® CYCLOBOND® I 2000 DNP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	25024AST
Astec® CYCLOBOND® I 2000 DNP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	25034AST
Astec® CYCLOBOND® I 2000 DNP Chiral HPLC Guard, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	25101AST
Astec® CYCLOBOND® I 2000 DNP Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	25100AST
Astec® CYCLOBOND® I 2000 HP-RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	24018AST
Astec® CYCLOBOND® I 2000 HP-RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	24020AST
Astec® CYCLOBOND® I 2000 HP-RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	24021AST
Astec® CYCLOBOND® I 2000 HP-RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	24022AST
Astec® CYCLOBOND® I 2000 HP-RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	24023AST
Astec® CYCLOBOND® I 2000 HP-RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	24024AST
Astec® CYCLOBOND® I 2000 HP-RSP Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	24124AST
Astec® CYCLOBOND® I 2000 HP-RSP Chiral HPLC Guard, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	24101AST
Astec® CYCLOBOND® I 2000 HP-RSP Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	24100AST
Astec® CYCLOBOND® HPLC Column Screening Kit, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	20005AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	20318AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	20319AST

* Name	Catalog Number
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	20320AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	20321AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	20322AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	20323AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	20324AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	20334AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	20344AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	22324AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Guard, Column, 5 µm particle size, L x I.D. 2 cm x 1 mm	21013AST
Astec® CYCLOBOND® I 2000 RSP Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	21103AST
Astec® CYCLOBOND® I 2000 SP Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	20219AST
Astec® CYCLOBOND® I 2000 SP Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	20221AST
Astec® CYCLOBOND® I 2000 SP Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	20224AST
Astec® CYCLOBOND® I 2000 SP Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	22224AST
Astec® CYCLOBOND® I 2000 SP Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	21102AST
Astec® CYCLOBOND® II AC Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	47018AST
Astec® CYCLOBOND® II AC Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	47019AST
Astec® CYCLOBOND® II AC Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	41022AST
Astec® CYCLOBOND® II AC Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	44124AST
Astec® CYCLOBOND® II Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	46019AST
Astec® CYCLOBOND® II Chiral HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	46021AST
Astec® CYCLOBOND® II Chiral HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	40020AST
Astec® CYCLOBOND® II Chiral HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	46023AST
Astec® CYCLOBOND® II Chiral HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	41020AST
Astec® CYCLOBOND® II Chiral HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	44024AST
Astec® CYCLOBOND® II Chiral HPLC Guard, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	42120AST
Astec® Diol Guard Column, 5 µm particle size, L x I.D. 2 cm x 4 mm	52137AST
Astec® Diol HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	51080AST
Astec® Diol HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	51580AST
Astec® Diol HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	50080AST
Astec® Pholipidec® Guard Column, Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59135AST
Astec® PHOLIPIDEC® HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	59124AST
Astec® Silica HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	51124AST

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Supelco: Discovery

Discovery

Columns

* Name	Catalog Number
Discovery® BIO PolyMA-SCX Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	59601-U
Discovery® BIO PolyMA-WAX Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	59602-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 5 cm x 0.18 mm	65603-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 5 cm x 0.32 mm	65526-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 10 cm x 0.32 mm	65527-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 5 cm x 0.5 mm	65517-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 10 cm x 0.5 mm	65518-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 5 cm x 1 mm	65504-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 10 cm x 1 mm	65506-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 5 cm x 2.1 mm	567200-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 10 cm x 2.1 mm	567201-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 15 cm x 2.1 mm	567202-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 10 cm x 4.6 mm	567204-U
Discovery® BIO Wide Pore C18 HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	567205-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 5 cm x 0.18 mm	65606-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 0.18 mm	65608-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 0.32 mm	65529-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 0.5 mm	65519-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 1 mm	65508-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 1 mm	65509-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 5 cm x 2.1 mm	568200-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	568201-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	568202-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	568203-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4 mm	568212-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	568213-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	568220-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	568221-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	568222-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	568223-U
Discovery® BIO Wide Pore C18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	568230-U
Discovery® BIO Wide Pore C18 HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	567206-U
Discovery® BIO Wide Pore C18 HPLC Column, 10 µm particle size, L x I.D. 5 cm x 10 mm	567207-U

* Name	Catalog Number
Discovery® BIO Wide Pore C18 HPLC Column, 10 µm particle size, L x I.D. 15 cm x 10 mm	567208-U
Discovery® BIO Wide Pore C18 HPLC Column, 10 µm particle size, L x I.D. 25 cm x 10 mm	567209-U
Discovery® BIO Wide Pore C18 HPLC Column, 10 µm particle size, L x I.D. 5 cm x 21.2 mm	567210-U
Discovery® BIO Wide Pore C18 HPLC Column, 10 µm particle size, L x I.D. 15 cm x 21.2 mm	567211-U
Discovery® BIO Wide Pore C18 HPLC Column, 10 µm particle size, L x I.D. 25 cm x 21.2 mm	567212-U
Discovery® BIO Wide Pore C18 Supelguard™ Cartridge, 3 µm particle size, L x I.D. 2 cm x 2.1 mm	567270-U
Discovery® BIO Wide Pore C18 Supelguard™ Cartridge, 3 µm particle size, L x I.D. 2 cm x 2.1 mm, pkg of 1 kit	567271-U
Discovery® BIO Wide Pore C18 Supelguard™ Cartridge, 3 µm particle size, L x I.D. 2 cm x 4 mm	567272-U
Discovery® BIO Wide Pore C18 Supelguard™ Cartridge, 3 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 1 kit	567273-U
Discovery® BIO Wide Pore C18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	568270-U
Discovery® BIO Wide Pore C18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm, pkg of 1 kit	568271-U
Discovery® BIO Wide Pore C18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	568272-U
Discovery® BIO Wide Pore C18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 1 kit	568273-U
Discovery® BIO Wide Pore C18 Supelguard™ Cartridge, 10 µm particle size, L x I.D. 1 cm x 10 mm	567282-U
Discovery® BIO Wide Pore C5 HPLC Column, 3 µm particle size, L x I.D. 10 cm x 0.32 mm	65532-U
Discovery® BIO Wide Pore C5 HPLC Column, 3 µm particle size, L x I.D. 5 cm x 1 mm	65511-U
Discovery® BIO Wide Pore C5 HPLC Column, 3 µm particle size, L x I.D. 10 cm x 1 mm	65512-U
Discovery® BIO Wide Pore C5 HPLC Column, 3 µm particle size, L x I.D. 5 cm x 2.1 mm	567226-U
Discovery® BIO Wide Pore C5 HPLC Column, 3 µm particle size, L x I.D. 10 cm x 2.1 mm	567227-U
Discovery® BIO Wide Pore C5 HPLC Column, 3 µm particle size, L x I.D. 15 cm x 2.1 mm	567228-U
Discovery® BIO Wide Pore C5 HPLC Column, 3 µm particle size, L x I.D. 5 cm x 4.6 mm	567229-U
Discovery® BIO Wide Pore C5 HPLC Column, 3 µm particle size, L x I.D. 10 cm x 4.6 mm	567230-U
Discovery® BIO Wide Pore C5 HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	567231-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L x I.D. 10 cm x 0.18 mm	65613-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 0.32 mm	65533-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 1 mm	65513-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L x I.D. 5 cm x 2.1 mm	568400-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	568401-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	568402-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	568403-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4 mm	568411-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4 mm	568412-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	568413-U

High-performance Liquid Chromatography (HPLC)

Supelco: Discovery

* Name	Catalog Number
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	568420-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	568421-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	568422-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	568423-U
Discovery® BIO Wide Pore C5 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	568430-U
Discovery® BIO Wide Pore C5 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.6 mm	567232-U
Discovery® BIO Wide Pore C5 HPLC Column, 10 µm particle size, L × I.D. 5 cm × 10 mm	567233-U
Discovery® BIO Wide Pore C5 HPLC Column, 10 µm particle size, L × I.D. 15 cm × 10 mm	567234-U
Discovery® BIO Wide Pore C5 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 10 mm	567235-U
Discovery® BIO Wide Pore C5 HPLC Column, 10 µm particle size, L × I.D. 5 cm × 21.2 mm	567236-U
Discovery® BIO Wide Pore C5 HPLC Column, 10 µm particle size, L × I.D. 15 cm × 21.2 mm	567237-U
Discovery® BIO Wide Pore C5 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 21.2 mm	567238-U
Discovery® BIO Wide Pore C5 Supelguard™ Cartridge, 3 µm particle size, L × I.D. 2 cm × 2.1 mm	567278-U
Discovery® BIO Wide Pore C5 Supelguard™ Cartridge, 3 µm particle size, L × I.D. 2 cm × 2.1 mm, pkg of 1 kit	567279-U
Discovery® BIO Wide Pore C5 Supelguard™ Cartridge, 3 µm particle size, L × I.D. 2 cm × 4 mm	567280-U
Discovery® BIO Wide Pore C5 Supelguard™ Cartridge, 3 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 1 kit	567281-U
Discovery® BIO Wide Pore C5 Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	568470-U
Discovery® BIO Wide Pore C5 Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm, pkg of 1 kit	568471-U
Discovery® BIO Wide Pore C5 Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	568472-U
Discovery® BIO Wide Pore C5 Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 1 kit	568473-U
Discovery® BIO Wide Pore C5 Supelguard™ Cartridge, 10 µm particle size, L × I.D. 1 cm × 10 mm	567286-U
Discovery® BIO Wide Pore C8 HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	567213-U
Discovery® BIO Wide Pore C8 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 2.1 mm	567214-U
Discovery® BIO Wide Pore C8 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	567215-U
Discovery® BIO Wide Pore C8 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	567217-U
Discovery® BIO Wide Pore C8 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	567218-U
Discovery® BIO Wide Pore C8 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	568300-U
Discovery® BIO Wide Pore C8 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	568301-U
Discovery® BIO Wide Pore C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	568302-U
Discovery® BIO Wide Pore C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	568312-U
Discovery® BIO Wide Pore C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4 mm	568313-U
Discovery® BIO Wide Pore C8 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	568320-U
Discovery® BIO Wide Pore C8 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	568321-U
Discovery® BIO Wide Pore C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	568322-U
Discovery® BIO Wide Pore C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	568323-U

* Name	Catalog Number
Discovery® BIO Wide Pore C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	568330-U
Discovery® BIO Wide Pore C8 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.6 mm	567219-U
Discovery® BIO Wide Pore C8 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 10 mm	567222-U
Discovery® BIO Wide Pore C8 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 21.2 mm	567225-U
Discovery® BIO Wide Pore C8 Supelguard™ Cartridge, 3 µm particle size, L × I.D. 2 cm × 2.1 mm	567274-U
Discovery® BIO Wide Pore C8 Supelguard™ Cartridge, 3 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 1 kit	567275-U
Discovery® BIO Wide Pore C8 Supelguard™ Cartridge, 3 µm particle size, L × I.D. 2 cm × 4 mm	567276-U
Discovery® BIO Wide Pore C8 Supelguard™ Cartridge, 3 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 1 kit	567277-U
Discovery® BIO Wide Pore C8 Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	568370-U
Discovery® BIO Wide Pore C8 Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm, pkg of 1 kit	568371-U
Discovery® BIO Wide Pore C8 Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	568372-U
Discovery® BIO Wide Pore C8 Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 1 kit	568373-U
Discovery® BIO Wide Pore C8 Supelguard™ Cartridge, 10 µm particle size, L × I.D. 1 cm × 10 mm	567284-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	577507-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 3 cm × 2.1 mm	577508-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	50494721
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	569220-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 2.1 mm	569229-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	50495521
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 2 cm × 3 mm	577509-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 3 cm × 3 mm	577510-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 3 mm	504947-30
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 3 mm	569221-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 3 mm	569230-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3 mm	504955-30
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3 mm	504971-30
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4 mm	504947-40
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4 mm	569222-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4 mm	569231-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	504955-40
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4 mm	504971-40
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	504947
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	569223-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4.6 mm	569232-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	504955

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Supelco: Discovery

* Name	Catalog Number
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	504971
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	569224-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 21.2 mm	569226-U
Discovery® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 2.1 mm	569234-U
Discovery® C18 Prep Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 21.2 mm	581393-U
Discovery® C18 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 10 mm	569283-U
Discovery® C18 Validation Pack, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	55704-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	577501-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 3 cm × 2.1 mm	577502-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	59352-U21
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	569420-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 2.1 mm	569424-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	59353-U21
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 2 cm × 3 mm	577503-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 3 mm	59352-U30
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 3 mm	569421-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3 mm	59353-U30
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3 mm	59354-U30
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4 mm	569422-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4 mm	569426-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	59353-U40
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4 mm	59354-U40
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	59352-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	569423-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4.6 mm	569427-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	59353-U
Discovery® C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	59354-U
Discovery® C8 Validation Pack, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	55710-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	577513-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	59355-U21
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	569521-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	59356-U21
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 2 cm × 3 mm	577515-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 10 cm × 3 mm	569522-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3 mm	59356-U30

* Name	Catalog Number
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3 mm	59357-U30
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4 mm	569526-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	59356-U40
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4 mm	59357-U40
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 2 cm × 4.6 mm	577517-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 3 cm × 4.6 mm	577518-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	59355-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	569520-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	59356-U
Discovery® Cyano HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	59357-U
Discovery® HS C18 HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	569253-U
Discovery® HS C18 HPLC Column, 3 µm particle size, L × I.D. 7.5 cm × 2.1 mm	569254-U
Discovery® HS C18 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	569255-U
Discovery® HS C18 HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	569250-U
Discovery® HS C18 HPLC Column, 3 µm particle size, L × I.D. 7.5 cm × 4.6 mm	569251-U
Discovery® HS C18 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	569252-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	568500-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	568501-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	568502-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 2.1 mm	568503-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4 mm	568510-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	568512-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4 mm	568513-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	568520-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	568521-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	568522-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	568523-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 10 mm	568530-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 10 mm	568531-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 10 mm	568532-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	568533-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 21.2 mm	568540-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 21.2 mm	568541-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 21.2 mm	568542-U
Discovery® HS C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 21.2 mm	568543-U

High-performance Liquid Chromatography (HPLC)

Supelco: Discovery

* Name	Catalog Number
Discovery® HS C18 HPLC Column, 10 µm particle size, L × I.D. 10 cm × 10 mm	568631-U
Discovery® HS C18 HPLC Column, 10 µm particle size, L × I.D. 15 cm × 10 mm	568632-U
Discovery® HS C18 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 10 mm	568633-U
Discovery® HS C18 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 21.2 mm	568643-U
Discovery® HS C18 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 50 mm	577521-U
Discovery® HS C18 Prep Guard Cartridge, 10 µm particle size, L × I.D. 1 cm × 21.2 mm	581394-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 3.3 cm × 2.1 mm	567501-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	567500-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 2.1 mm	567502-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	567503-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 3.3 cm × 3 mm	567505-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 3 mm	567581-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 3 mm, pkg of 1 ea	567542-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4 mm	567530-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4 mm	567531-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4 mm	567532-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 3.3 cm × 4.6 mm	567509-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	567504-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	567506-U
Discovery® HS F5 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	567507-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	567508-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	567510-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	567511-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 2.1 mm	567512-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3 mm	567541-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4 mm	567533-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4 mm	567534-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	567535-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4 mm	567536-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	567513-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	567515-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	567516-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	567517-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 10 mm	567518-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 10 mm	567537-U

* Name	Catalog Number
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 10 mm	567519-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	567520-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 21.2 mm	567522-U
Discovery® HS F5 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 21.2 mm	567523-U
Discovery® HS F5 HPLC Column, 10 µm particle size, L × I.D. 15 cm × 21.2 mm	567528-U
Discovery® HS F5 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 21.2 mm	567529-U
Discovery® HS PEG HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	567400-U
Discovery® HS PEG HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	567403-U
Discovery® HS PEG HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4 mm	567431-U
Discovery® HS PEG HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4 mm	567432-U
Discovery® HS PEG HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	567404-U
Discovery® HS PEG HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	567406-U
Discovery® HS PEG HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	567407-U
Discovery® HS PEG HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	567411-U
Discovery® HS PEG HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	567416-U
Discovery® HS PEG HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	567417-U
Discovery® HS PEG HPLC Column, 5 µm particle size, L × I.D. 25 cm × 21.2 mm	567423-U
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	50500521
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	569320-U
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	50501321
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 3 mm	505005-30
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 3 mm	569321-U
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 3 mm	569330-U
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3 mm	505013-30
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3 mm	505064-30
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4 mm	569331-U
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	505013-40
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4 mm	505064-40
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	505005
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	569323-U
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4.6 mm	569332-U
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50501321 505013
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	505064
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	569324-U
Discovery® RP-AmideC16 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 21.2 mm	569326-U

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Supelco: Discovery

* Name	Catalog Number
Discovery® RP-Amide C16 Validation Pack, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	55709-U
Discovery® Zr-CarbonC18 HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	65701-U
Discovery® Zr-CarbonC18 HPLC Column, 3 µm particle size, L × I.D. 7.5 cm × 2.1 mm	65702-U
Discovery® Zr-CarbonC18 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	65703-U
Discovery® Zr-CarbonC18 HPLC Column, 3 µm particle size, L × I.D. 7.5 cm × 4.6 mm	65705-U
Discovery® Zr-CarbonC18 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	65706-U
Discovery® Zr-CarbonC18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	65707-U
Discovery® Zr-CarbonC18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	65710-U
Discovery® Zr-CarbonC18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	65711-U
Discovery® Zr-Carbon HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	65725-U
Discovery® Zr-Carbon HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	65727-U
Discovery® Zr-Carbon HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	65730-U
Discovery® Zr-Carbon HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	65731-U
Discovery® Zr-Carbon HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	65732-U
Discovery® Zr-Carbon HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	65735-U
Discovery® Zr-PBD HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	65713-U
Discovery® Zr-PBD HPLC Column, 3 µm particle size, L × I.D. 7.5 cm × 2.1 mm	65714-U
Discovery® Zr-PBD HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	65715-U
Discovery® Zr-PBD HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	65716-U
Discovery® Zr-PBD HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	65718-U
Discovery® Zr-PBD HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	65719-U
Discovery® Zr-PBD HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	65720-U
Discovery® Zr-PBD HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	65722-U
Discovery® Zr-PBD HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	65723-U
Discovery® Zr-PBD HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	65724-U
Discovery® Zr-PS HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	65737-U
Discovery® Zr-PS HPLC Column, 3 µm particle size, L × I.D. 7.5 cm × 2.1 mm	65738-U
Discovery® Zr-PS HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	65739-U
Discovery® Zr-PS HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	65740-U
Discovery® Zr-PS HPLC Column, 3 µm particle size, L × I.D. 7.5 cm × 4.6 mm	65741-U
Discovery® Zr-PS HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	65742-U
Discovery® Zr-PS HPLC Column, 5 µm particle size, L × I.D. 5 cm × 2.1 mm	65743-U
Discovery® Zr-PS HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	65744-U
Discovery® Zr-PS HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	65746-U
Discovery® Zr-PS HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	65747-U

* Name	Catalog Number
Discovery® Zr-PS HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	65748-U
Discovery® Zr-SAX HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	65709-U
Discovery® Zr-SAX HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	65712-U
Discovery® Zr-SAX HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	65721-U

Guard Columns

* Name	Catalog Number
Discovery® C18 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm, pkg of 2 ea	505188
Discovery® C18 Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	505161
Discovery® C18 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm, pkg of 2 ea	59576-U
Discovery® C18 Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 3 mm	59575-U
Discovery® C18 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 2 ea	505137
Discovery® C18 Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 4 mm	505129
Discovery® C8 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	59588-U
Discovery® C8 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	59587-U
Discovery® C8 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm	59580-U
Discovery® C8 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm	59579-U
Discovery® C8 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59590-U
Discovery® C8 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59589-U
Discovery® Cyano Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	59584-U
Discovery® Cyano Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	59583-U
Discovery® Cyano Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm	569571-U
Discovery® Cyano Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm, pkg of 1 kit	569570-U
Discovery® Cyano Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59586-U
Discovery® Cyano Supelguard™ Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59585-U
Discovery® HS C18 Supelguard™ Guard Cartridge, 3 µm particle size, L × I.D. 2 cm × 2.1 mm, pkg of 2 ea	569276-U
Discovery® HS C18 Supelguard™ Guard Cartridge, Kit, 3 µm particle size, L × I.D. 2 cm × 2.1 mm	569277-U
Discovery® HS C18 Supelguard™ Guard Cartridge, 3 µm particle size, L × I.D. 2 cm × 4 mm, pkg of 2 ea	569274-U
Discovery® HS C18 Supelguard™ Guard Cartridge, Kit, 3 µm particle size, L × I.D. 2 cm × 4 mm	569275-U
Discovery® HS C18 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm, pkg of 2 ea	568570-U
Discovery® HS C18 Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	568571-U
Discovery® HS C18 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm, pkg of 2 ea	568572-U
Discovery® HS C18 Supelguard™ Guard Cartridge, Kit, 5 µm particle size, L × I.D. 2 cm × 4 mm	568573-U
Discovery® HS C18 Supelguard™ Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 10 mm, pkg of 1 ea	568574-U
Discovery® HS C18 Supelguard™ Guard Cartridge, 10 µm particle size, L × I.D. 1 cm × 10 mm, pkg of 1 ea	568674-U
Discovery® HS F5 Supelguard™ Cartridge, 3 µm particle size, L × I.D. 2 cm × 2.1 mm	567570-U

* Name	Catalog Number
Discovery® HS F5 Supelguard™ Cartridge, 3 µm particle size, L x I.D. 2 cm x 2.1 mm	567571-U
Discovery® HS F5 Supelguard™ Cartridge, 3 µm particle size, L x I.D. 2 cm x 4 mm	567572-U
Discovery® HS F5 Supelguard™ Cartridge, 3 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 1 kit	567573-U
Discovery® HS F5 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	567574-U
Discovery® HS F5 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm, pkg of 1 kit	567575-U
Discovery® HS F5 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	567576-U
Discovery® HS F5 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 1 kit	567577-U
Discovery® HS F5 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 10 mm	567578-U
Discovery® HS PEG Supelguard™ Cartridge, 3 µm particle size, L x I.D. 2 cm x 2.1 mm	567470-U
Discovery® HS PEG Supelguard™ Cartridge, 3 µm particle size, L x I.D. 2 cm x 4 mm	567472-U
Discovery® HS PEG Supelguard™ Cartridge, 3 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 1 kit	567473-U
Discovery® HS PEG Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	567476-U
Discovery® HS PEG Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 1 kit	567477-U
Discovery® HS PEG Supelguard™ Cartridge, 10 µm particle size, L x I.D. 1 cm x 10 mm	567480-U
Discovery® RP-AmideC16 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm, pkg of 2 ea	505110
Discovery® RP-AmideC16 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm, pkg of 1 kit	505102
Discovery® RP-AmideC16 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 3 mm	59578-U
Discovery® RP-AmideC16 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 3 mm	59577-U
Discovery® RP-AmideC16 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 2 ea	505099
Discovery® RP-AmideC16 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 1 kit	505080
Discovery® Zr-CarbonC18 Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 2.1 mm, pkg of 1 kit	65801-U
Discovery® Zr-CarbonC18 Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 2.1 mm, pkg of 2 ea	65802-U
Discovery® Zr-CarbonC18 Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 4 mm	65803-U
Discovery® Zr-CarbonC18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 2.1 mm, pkg of 2 ea	65806-U
Discovery® Zr-CarbonC18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 2.1 mm, pkg of 1 kit	65805-U
Discovery® Zr-CarbonC18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 4 mm	65807-U
Discovery® Zr-Carbon Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 2.1 mm	65822-U
Discovery® Zr-Carbon Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 2.1 mm	65821-U
Discovery® Zr-Carbon Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 2.1 mm	65827-U
Discovery® Zr-Carbon Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 4 mm	65829-U
Discovery® Zr-Carbon Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 4 mm	65828-U
Discovery® Zr-PBD Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 2.1 mm, pkg of 2 ea	65812-U
Discovery® Zr-PBD Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 2.1 mm, pkg of 1 kit	65811-U
Discovery® Zr-PBD Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 4 mm	65814-U
Discovery® Zr-PBD Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 4 mm	65813-U

* Name	Catalog Number
Discovery® Zr-PBD Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 2.1 mm	65816-U
Discovery® Zr-PBD Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 2.1 mm	65815-U
Discovery® Zr-PBD Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 4 mm	65818-U
Discovery® Zr-PBD Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 4 mm	65817-U
Discovery® Zr-PS Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 2.1 mm	65842-U
Discovery® Zr-PS Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 2.1 mm	65841-U
Discovery® Zr-PS Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 4 mm	65844-U
Discovery® Zr-PS Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 4 mm	65843-U
Discovery® Zr-PS Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 2.1 mm	65845-U
Discovery® Zr-PS Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 4 mm	65848-U
Discovery® Zr-PS Supelguard™ Cartridge, 5 µm particle size, L x I.D. 1 cm x 4 mm	65847-U
Discovery® Zr-SAX Supelguard™ Cartridge, 3 µm particle size, L x I.D. 1 cm x 4 mm	65733-U

Pelliguard Columns

* Name	Catalog Number
LC-8 Pellicular Kit	58222-U
LC-18 Pellicular Kit	58232
LC-8 Pellicular Packing, pkg of 10 g	58293
LC-18 Pellicular Packing, pkg of 10 g	58294
Pelliguard™ Cartridge, LC-Si	59651
Pelliguard™ Cartridge, LC-NH ₂	59656
Pelliguard™ Cartridge, LC-8	59653
Pelliguard™ Cartridge, LC-18	59654
Pelliguard™ Cartridge Kit, LC-8	59643
Pelliguard™ Cartridge Kit, LC-18	59644

Supelcogel

Columns

* Name	Catalog Number
SUPELCOGEL™ Ag1, 6% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm, AG1	59318-U
SUPELCOGEL™ Ag2, 6% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm, AG2	59315
SUPELCOGEL™ C610H, 6% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm	59320-U
SUPELCOGEL™ C611, 6% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm	59310-U
SUPELCOGEL™ Ca, 6% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm	59305-U
SUPELCOGEL™ H, 6% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 25 cm x 4.6 mm	59346
SUPELCOGEL™ H, 6% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm	59304-U
SUPELCOGEL™ K, 6% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm	59342
SUPELCOGEL™ 8Ca, 8% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm	59247-U
SUPELCOGEL™ 8Ca, 8% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 25 cm x 4.6 mm	59249-U
SUPELCOGEL™ 8H, 8% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm	59246-U

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Supelco: Supelcogel

* Name	Catalog Number
SUPELCOGEL™ 8Pb, 8% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm	59248-U
SUPELCOGEL™ 8Ca, 8% Crosslinked HPLC Guard Column, 9 µm particle size, L x I.D. 5 cm x 4.6 mm	59252-U
SUPELCOGEL™ 8H, 8% Crosslinked HPLC Guard Column, 9 µm particle size, L x I.D. 5 cm x 4.6 mm	59251-U
SUPELCOGEL™ 8Pb, 8% Crosslinked HPLC Guard Column, 9 µm particle size, L x I.D. 5 cm x 4.6 mm	59253-U
SUPELCOGEL™ Pb, 6% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 30 cm x 7.8 mm	59343
SUPELCOGEL™ Pb, 6% Crosslinked HPLC Column, 9 µm particle size, L x I.D. 10 cm x 7.8 mm	59335-U

Guard Columns

* Name	Catalog Number
SUPELCOGEL™ Ag1 HPLC Column, 9 µm particle size, L x I.D. 5 cm x 4.6 mm	59317-U
SUPELCOGEL™ Ag2 HPLC Column, 9 µm particle size, L x I.D. 5 cm x 4.6 mm, AG2	59316
SUPELCOGEL™ Ca Guard Column, 9 µm particle size, L x I.D. 5 cm x 4.6 mm	59306-U
SUPELCOGEL™ H Guard Column, 9 µm particle size, L x I.D. 5 cm x 4.6 mm	59319
SUPELCOGEL™ K Guard Column, 9 µm particle size, L x I.D. 5 cm x 4.6 mm	59344
SUPELCOGEL™ Pb Guard Column, 9 µm particle size, L x I.D. 5 cm x 4.6 mm	59345

Supelcosil Columns

* Name	Catalog Number
SUPELICOSIL™ ABZ+Plus HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 2.1 mm	5919121
SUPELICOSIL™ ABZ+Plus HPLC Column, 3 µm particle size, L x I.D. 5 cm x 2.1 mm	5919221
SUPELICOSIL™ ABZ+Plus HPLC Column, 3 µm particle size, L x I.D. 10 cm x 2.1 mm	57917
SUPELICOSIL™ ABZ+Plus HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 3 mm	59193C30
SUPELICOSIL™ ABZ+Plus HPLC Column, 3 µm particle size, L x I.D. 15 cm x 3 mm	59194C30
SUPELICOSIL™ ABZ+Plus HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 4.6 mm	59191
SUPELICOSIL™ ABZ+Plus HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 4.6 mm	59193
SUPELICOSIL™ ABZ+Plus HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	59194
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 5 cm x 2.1 mm	5919521
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm	57925
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	57926
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	57927
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 15 cm x 3 mm	59196C30
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 25 cm x 3 mm	59197C30
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4 mm	59196C40
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	59197C40
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	59195-U
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	59196

* Name	Catalog Number
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	59197
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	59179
SUPELICOSIL™ ABZ+Plus HPLC Column, 5 µm particle size, L x I.D. 10 cm x 21.2 mm	59148
SUPELICOSIL™ Hisep™ HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	59143
SUPELICOSIL™ Hisep™ HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	58935
SUPELICOSIL™ Hisep™ HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58919
SUPELICOSIL™ LC-18-S HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	57939
SUPELICOSIL™ LC-18-S HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	58931
SUPELICOSIL™ LC-18-S HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58928-U
SUPELICOSIL™ LC-318 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58858
SUPELICOSIL™ LC-ABZ HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	57936
SUPELICOSIL™ LC-ABZ HPLC Column, 5 µm particle size, L x I.D. 15 cm x 3 mm	59140C30
SUPELICOSIL™ LC-ABZ HPLC Column, 5 µm particle size, L x I.D. 25 cm x 3 mm	59142C30
SUPELICOSIL™ LC-ABZ HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	59142C40
SUPELICOSIL™ LC-ABZ HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	59141
SUPELICOSIL™ LC-ABZ HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	59140-U
SUPELICOSIL™ LC-ABZ HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	59142
SUPELICOSIL™ LC-ABZ HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	59170
SUPELICOSIL™ LC-CN HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 3 mm	58979C30
SUPELICOSIL™ LC-CN HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 3 mm	58986C30
SUPELICOSIL™ LC-CN HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 4.6 mm	58979
SUPELICOSIL™ LC-CN HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 4.6 mm	58986
SUPELICOSIL™ LC-CN HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	58231C40
SUPELICOSIL™ LC-DABS HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	59137
SUPELICOSIL™ LC-8-DB HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 3 mm	58990C30
SUPELICOSIL™ LC-8-DB HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 4.6 mm	58976
SUPELICOSIL™ LC-8-DB HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 4.6 mm	58990-U
SUPELICOSIL™ LC-8-DB HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	58991
SUPELICOSIL™ LC-8-DB HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4 mm	58347C40
SUPELICOSIL™ LC-8-DB HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	58354C40
SUPELICOSIL™ LC-8-DB HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	58344
SUPELICOSIL™ LC-8-DB HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	58347
SUPELICOSIL™ LC-8-DB HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58354
SUPELICOSIL™ LC-8-DB HPLC Column, 3 µm particle size, L x I.D. 10 cm x 2.1 mm	59297-U
SUPELICOSIL™ LC-8-DB HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 2.1 mm	58149-U

High-performance Liquid Chromatography (HPLC)

Supelco: Supelcosil Columns

* Name	Catalog Number
SUPELCO TM LC-18-DB HPLC Column, 3 µm particle size, L x I.D. 25 cm x 2.1 mm	57943
SUPELCO TM LC-18-DB HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 3 mm	58978C30
SUPELCO TM LC-18-DB HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 3 mm	58992C30
SUPELCO TM LC-18-DB HPLC Column, 3 µm particle size, L x I.D. 15 cm x 3 mm	58993C30
SUPELCO TM LC-18-DB HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 4.6 mm	58978
SUPELCO TM LC-18-DB HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 4.6 mm	58992
SUPELCO TM LC-18-DB HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	58993
SUPELCO TM LC-18-DB HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	57940
SUPELCO TM LC-18-DB HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4 mm	58348C40
SUPELCO TM LC-18-DB HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	58355C40
SUPELCO TM LC-18-DB HPLC Column, 5 µm particle size, L x I.D. 30 cm x 4 mm	59164
SUPELCO TM LC-18-DB HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	58345
SUPELCO TM LC-18-DB HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	59208
SUPELCO TM LC-18-DB HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	58348
SUPELCO TM LC-18-DB HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58355-U
SUPELCO TM LC-18-DB HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	58358
SUPELCO TM LC-Diol HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	58201C40
SUPELCO TM LC-Diol HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58201
SUPELCO TM LC-DP HPLC Column, 5 µm particle size, L x I.D. 30 cm x 4 mm	59167
SUPELCO TM LC-DP HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	59211
SUPELCO TM LC-DP HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	59150-U
SUPELCO TM LC-DP HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58842
SUPELCO TM LC-1 HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	58237
SUPELCO TM LC-1 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	58210-U
SUPELCO TM LC-1 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58296
SUPELCO TM LC-8 HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 3 mm	58975C30
SUPELCO TM LC-8 HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 4.6 mm	58975
SUPELCO TM LC-8 HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 4.6 mm	58982
SUPELCO TM LC-8 HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	58983
SUPELCO TM LC-8 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	57929
SUPELCO TM LC-8 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 3 mm	58297C30
SUPELCO TM LC-8 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	58297C40
SUPELCO TM LC-8 HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	58238
SUPELCO TM LC-8 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	58220-U
SUPELCO TM LC-8 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58297

* Name	Catalog Number
SUPELCO TM LC-8 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	58367
SUPELCO TM LC-8 HPLC Column, 3 µm particle size, L x I.D. 25 cm x 4.6 mm	57997-U
SUPELCO TM LC-18 HPLC Column, 3 µm particle size, L x I.D. 25 cm x 2.1 mm	57942
SUPELCO TM LC-18 HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 3 mm	58977C30
SUPELCO TM LC-18 HPLC Column, 3 µm particle size, L x I.D. 5 cm x 3 mm	58973C30
SUPELCO TM LC-18 HPLC Column, 3 µm particle size, L x I.D. 15 cm x 3 mm	58985C30
SUPELCO TM LC-18 HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4 mm	58985C40
SUPELCO TM LC-18 HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 4.6 mm	58977
SUPELCO TM LC-18 HPLC Column, 3 µm particle size, L x I.D. 5 cm x 4.6 mm	58973
SUPELCO TM LC-18 HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 4.6 mm	58984
SUPELCO TM LC-18 HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	58985
SUPELCO TM LC-18 HPLC Column, 3 µm particle size, L x I.D. 20 cm x 4.6 mm	58615-U
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 2.1 mm	57934
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	57935
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 3 mm	58230C30
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 3 mm	58298C30
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4 mm	58239C40
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4 mm	58230C40
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	58298C40
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 30 cm x 4 mm	59165
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	58239
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	59209
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	58230-U
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58298
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	58368
SUPELCO TM LC-18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	54849
SUPELCO TM LC-18 HPLC Column, 12 µm particle size, L x I.D. 25 cm x 4.6 mm	59182
SUPELCO TM LC-18 HPLC Column, 12 µm particle size, L x I.D. 25 cm x 21.2 mm	59185
SUPELCO TM LC-18-T HPLC Column, 3 µm particle size, L x I.D. 15 cm x 3 mm	58970C30
SUPELCO TM LC-18-T HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	58970-U
SUPELCO TM LC-18-T HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58971
SUPELCO TM LC-18-T HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	59136-U
SUPELCO TM LC-NH ₂ HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 3 mm	58988C30
SUPELCO TM LC-NH ₂ HPLC Column, 3 µm particle size, L x I.D. 15 cm x 3 mm	58989C30
SUPELCO TM LC-NH ₂ HPLC Column, 3 µm particle size, L x I.D. 7.5 cm x 4.6 mm	58988

3: Analytical Applications & Standards

High-performance Liquid Chromatography (HPLC)

Supelco: Supelcosil Columns

* Name	Catalog Number
SUPELCO [®] SIL™ LC-NH ₂ HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	58989
SUPELCO [®] SIL™ LC-NH ₂ HPLC Column, 5 µm particle size, L x I.D. 25 cm x 3 mm	58338C30
SUPELCO [®] SIL™ LC-NH ₂ HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	58338C40
SUPELCO [®] SIL™ LC-NH ₂ HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58338
SUPELCO [®] SIL™ LC-NH ₂ -NP HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	59132
SUPELCO [®] SIL™ LC-PAH HPLC Column, 3 µm particle size, L x I.D. 10 cm x 3 mm	59134C30
SUPELCO [®] SIL™ LC-PAH HPLC Column, 3 µm particle size, L x I.D. 5 cm x 4.6 mm	59133
SUPELCO [®] SIL™ LC-PAH HPLC Column, 3 µm particle size, L x I.D. 10 cm x 4.6 mm	59134
SUPELCO [®] SIL™ LC-PAH HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	57945
SUPELCO [®] SIL™ LC-PAH HPLC Column, 5 µm particle size, L x I.D. 15 cm x 3 mm	58318C30
SUPELCO [®] SIL™ LC-PAH HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	58318
SUPELCO [®] SIL™ LC-PAH HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58229
SUPELCO [®] SIL™ LC-PAH HPLC Column, 5 µm particle size, L x I.D. 25 cm x 3 mm	59187
SUPELCO [®] SIL™ LC-SCX HPLC Column, 5 µm particle size, L x I.D. 25 cm x 3 mm	58997C30
SUPELCO [®] SIL™ LC-SCX HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58997
SUPELCO [®] SIL™ LC-Si HPLC Column, 3 µm particle size, L x I.D. 3.3 cm x 4.6 mm	58974
SUPELCO [®] SIL™ LC-Si HPLC Column, 3 µm particle size, L x I.D. 15 cm x 4.6 mm	58981
SUPELCO [®] SIL™ LC-Si HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	58295C40
SUPELCO [®] SIL™ LC-Si HPLC Column, 5 µm particle size, L x I.D. 30 cm x 4 mm	59166
SUPELCO [®] SIL™ LC-Si HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	58236
SUPELCO [®] SIL™ LC-Si HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	58200-U
SUPELCO [®] SIL™ LC-Si HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58295
SUPELCO [®] SIL™ LC-Si HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	58365
SUPELCO [®] SIL™ LC-Si HPLC Column, 5 µm particle size, L x I.D. 25 cm x 21.2 mm	54843
SUPELCO [®] SIL™ SAX1 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	59138C40
SUPELCO [®] SIL™ SAX1 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	59138
SUPELCO [®] SIL™ Suplex™ pKb-100 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 2.1 mm	57937
SUPELCO [®] SIL™ Suplex™ pKb-100 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	58934C40
SUPELCO [®] SIL™ Suplex™ pKb-100 HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	58921-U
SUPELCO [®] SIL™ Suplex™ pKb-100 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	58932
SUPELCO [®] SIL™ Suplex™ pKb-100 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	58934
SUPELCO [®] SIL™ Suplex™ pKb-100 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 10 mm	59172

Supelguard Columns

* Name	Catalog Number
SUPELCO [®] SIL™ ABZ+Plus Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	59605
SUPELCO [®] SIL™ ABZ+Plus Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	59604
SUPELCO [®] SIL™ ABZ+Plus Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 3 mm	59535C30
SUPELCO [®] SIL™ ABZ+Plus Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59535-U
SUPELCO [®] SIL™ ABZ+Plus Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59534-U
SUPELCO [®] SIL™ Hisep™ Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59640-U
SUPELCO [®] SIL™ Hisep™ Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59639
Supelco [®] Silica and C18 Saturator Columns, C18 Saturator Column Kit	58418
SUPELCO [®] SIL™ LC-18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	59613
SUPELCO [®] SIL™ LC-18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	59612
SUPELCO [®] SIL™ LC-18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 3 mm	59564C30
SUPELCO [®] SIL™ LC-18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59564
SUPELCO [®] SIL™ LC-18 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59554
SUPELCO [®] SIL™ LC-18-S Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	59162
SUPELCO [®] SIL™ LC-18-S Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59630
SUPELCO [®] SIL™ LC-18-S Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59629
SUPELCO [®] SIL™ LC-1 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59561
SUPELCO [®] SIL™ LC-304 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 1 kit	59591
SUPELCO [®] SIL™ LC-318 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm, pkg of 1 kit	59502
SUPELCO [®] SIL™ LC-8 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	59615
SUPELCO [®] SIL™ LC-8 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 3 mm	59562C30
SUPELCO [®] SIL™ LC-8 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59562
SUPELCO [®] SIL™ LC-8 Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59552
SUPELCO [®] SIL™ LC-ABZ Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	59611
SUPELCO [®] SIL™ LC-ABZ Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	59610
SUPELCO [®] SIL™ LC-ABZ Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 3 mm	59545C30
SUPELCO [®] SIL™ LC-ABZ Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59545-U
SUPELCO [®] SIL™ LC-ABZ Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59544-U
SUPELCO [®] SIL™ LC-CN Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 3 mm	59567C30
SUPELCO [®] SIL™ LC-CN Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59567
SUPELCO [®] SIL™ LC-CN Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59557
SUPELCO [®] SIL™ LC-8-DB Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 2.1 mm	59619
SUPELCO [®] SIL™ LC-8-DB Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59563
SUPELCO [®] SIL™ LC-8-DB Supelguard™ Cartridge, 5 µm particle size, L x I.D. 2 cm x 4 mm	59553

High-performance Liquid Chromatography (HPLC)

Supelco: Supelguard Columns

* Name	Catalog Number
SUPELCO TM LC-18-DB Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	59617
SUPELCO TM LC-18-DB Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	59616
SUPELCO TM LC-18-DB Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm	59565C30
SUPELCO TM LC-18-DB Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59565
SUPELCO TM LC-18-DB Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59555
SUPELCO TM LC-Diol Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59569
SUPELCO TM LC-Diol Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59559
SUPELCO TM LC-DP Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59566
SUPELCO TM LC-DP Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59556
SUPELCO TM LC-NH ₂ -NP Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59516
SUPELCO TM LC-NH ₂ -NP Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59515
SUPELCO TM LC-NH ₂ Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm	59568C30
SUPELCO TM LC-NH ₂ Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59568
SUPELCO TM LC-NH ₂ Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59558
SUPELCO TM LC-PCN Supelguard TM Cartridge, L × I.D. 2 cm × 4 mm, 5 µm particle size	59514
SUPELCO TM LC-PCN Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59504
SUPELCO TM LC-SCX Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59519
SUPELCO TM LC-SCX Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59509
SUPELCO TM LC-Si Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59560
SUPELCO TM LC-Si Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59550
SUPELCO TM LC-18-T Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 3 mm	59621C30
SUPELCO TM LC-18-T Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59621
SUPELCO TM LC-18-T Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59620
SUPELCO TM SAX1 Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59537-U
SUPELCO TM SAX1 Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59536-U
SUPELCO TM Suplex TM pKb-100 Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	59609
SUPELCO TM Suplex TM pKb-100 Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 2.1 mm	59608
SUPELCO TM Suplex TM pKb-100 Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59541-U
SUPELCO TM Suplex TM pKb-100 Supelguard TM Cartridge, 5 µm particle size, L × I.D. 2 cm × 4 mm	59531-U

Titan

Columns

* Name	Catalog Number
Titan TM C18 UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 2 cm × 2.1 mm	577120-U
Titan TM C18 UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 3 cm × 2.1 mm	577121-U
Titan TM C18 UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 5 cm × 2.1 mm	577122-U

* Name	Catalog Number
Titan TM C18 UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 7.5 cm × 2.1 mm	577123-U
Titan TM C18 UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 10 cm × 2.1 mm	577124-U
Titan TM C18 UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 3 cm × 3 mm	577125-U
Titan TM C18 UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 5 cm × 3 mm	577126-U
Titan TM C18 UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 10 cm × 3 mm	577132-U
Titan TM C18 UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 15 cm × 2.1 mm	577119-U
Titan TM C18 UHPLC Guard Cartridge, 1.9 micron, 1.9 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	577127-U
Titan TM C18 UHPLC Guard Cartridge, 1.9 micron, 1.9 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	577128-U
Titan TM PFP UHPLC Columns, 1.9 µm, particle size 1.9 µm, L × I.D. 2 cm × 2.1 mm	569675-U
Titan TM PFP UHPLC Columns, 1.9 µm, particle size 1.9 µm, L × I.D. 3 cm × 2.1 mm	569676-U
Titan TM PFP UHPLC Columns, 1.9 µm, particle size 1.9 µm, L × I.D. 5 cm × 2.1 mm	569677-U
Titan TM PFP UHPLC Columns, 1.9 µm, particle size 1.9 µm, L × I.D. 7.5 cm × 2.1 mm	569678-U
Titan TM PFP UHPLC Columns, 1.9 µm, particle size 1.9 µm, L × I.D. 10 cm × 2.1 mm	569679-U
Titan TM PFP UHPLC Columns, 1.9 µm, particle size 1.9 µm, L × I.D. 15 cm × 2.1 mm	569680-U
Titan TM PFP UHPLC Columns, 1.9 µm, particle size 1.9 µm, L × I.D. 3 cm × 3.0 mm	569681-U
Titan TM PFP UHPLC Columns, 1.9 µm, particle size 1.9 µm, L × I.D. 5 cm × 3.0 mm	569682-U
Titan TM PFP UHPLC Columns, 1.9 µm, particle size 1.9 µm, L × I.D. 10 cm × 3.0 mm	569683-U
Titan TM Silica UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 2 cm × 2.1 mm	581528-U
Titan TM Silica UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 3 cm × 2.1 mm	581529-U
Titan TM Silica UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 5 cm × 2.1 mm	581530-U
Titan TM Silica UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 7.5 cm × 2.1 mm	581531-U
Titan TM Silica UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 10 cm × 2.1 mm	581532-U
Titan TM Silica UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 15 cm × 2.1 mm	581533-U
Titan TM Silica UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 3 cm × 3 mm	581534-U
Titan TM Silica UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 5 cm × 3 mm	581535-U
Titan TM Silica UHPLC Column, 1.9 micron, 1.9 µm particle size, L × I.D. 10 cm × 3 mm	581536-U

Guard Columns

* Name	Catalog Number
Titan TM PFP UHPLC Guard Cartridges, 1.9 µm, particle size 1.9 µm, L × I.D. 0.5 cm × 2.1 mm	569684-U
Titan TM PFP UHPLC Guard Cartridges, 1.9 µm, particle size 1.9 µm, L × I.D. 0.5 cm × 3.0 mm	569685-U
Titan TM Silica Guard Cartridge, 1.9 micron, 1.9 µm particle size, L × I.D. 5 mm × 2.1 mm, pkg of 3 ea	581537-U
Titan TM Silica Guard Cartridge, 1.9 micron, 1.9 µm particle size, L × I.D. 5 mm × 3 mm, pkg of 3 ea	581538-U
Titan TM UHPLC Guard Cartridge Holder, for use with Titan Guard Cartridges, pkg of 1 ea	577133-U

3: Analytical Applications & Standards

Sample Preparation

Air Monitoring/Sampling

Sample Preparation

Air Monitoring/Sampling

* Name	Catalog Number
0.6L Tedlar® PLV Gas Sampling Bag w/Thermogreen® LB-2 Septa	30289-U
0.6L Tedlar® SCV Gas Sampling Bag w/Thermogreen® LB-2 Septa	30284-U
Air Monitoring Cassette with GN-4 Metrical® Membrane, cassette size 25 mm, pore 0.8 µm (carbon-filled polypropylene)	23371
Air Monitoring Cassette with GN-4 Metrical® Membrane, cassette size 25 mm, pore 0.8 µm (banded orange)	23374
Air Monitoring Cassette with GN-4 Metrical® Membrane, cassette size 37 mm, pore 0.8 µm	23368
ASSET™ EZ4-NCO Dry Sampler, pkg of 10 ea, for sampling Isocyanates	5027-U
ASSET™ EZ4-NCO Dry Sampler, pkg of 50 ea, for sampling isocyanate monomers & oligomers (*not recommended for isocyanic acid (ICA))	5028-U
ASSET™ EZ4-NCO Dry Sampler, kit of 1 ea, for sampling isocyanate monomers & oligomers (*not recommended for isocyanic acid (ICA))	5047-U
ATIS Adsorbent Tube Injector System 110V	28520-U
ATIS Adsorbent Tube Injector System 230V	28521-U
ATIS Extraction Glassware with Ground Joint Connector	28524-U
ATIS Extraction Glassware with Micro Connector	28523-U
ATIS Purge and Trap/Humidifier Module	28522-U
ATIS Replacement Luer/Hose Barb Adapter	28525-U
ATIS Replacement Purge and Trap/Humidifier Glassware	28527-U
ATIS Replacement Purge and Trap Transfer Tube	28528-U
ATIS Replacement Standard Injection Glassware	28526-U
ATIS Replacement Thumbwheel Nut	28529-U
Battery charger, for use with Model 1060 Bag Sampler, AC input 110 V	24643
Battery charger, for use with Model 1062 & 1063 Bag Samplers, AC input 110 V	24644
Battery charger, universal charger, for use with 1060, 1062, 1063, & 1067 Air Samplers, AC input 110 V / 240 V	24697-U
Battery charger for M-5 / M-30, AC input 110 V	24844
Battery charger for M-5 / M-30, AC input 220 V	24846
Battery for model 1064 air sampler	24696-U
Battery for Vacuum Sampling Pump, for use with Model 1060	24635
Battery for Vacuum Sampling Pump, for use with Model 1062, 1063, & 1067	24636
Battery Pack for MSA Elf Escort® Sampling Pump	28149-U
Battery Pack O-Ring for MSA Sampling Pump	28150-U
Belt Clip for MSA Sampling Pump	28128-U
Belt Clip Screw for MSA Sampling Pump	28129-U
Black Nylon Connector for MSA Tube Holder	28115-U
Borosilicate Glass Fiber Filter, A/E Glass Fiber, pore size 1 µm, O.D. 13 mm	23376
Borosilicate Glass Fiber Filter, A/E Glass Fiber, pore size 1 µm, O.D. 25 mm	23377
Borosilicate Glass Fiber Filter, A/E Glass Fiber, pore size 1 µm, O.D. 37 mm	23378
BPE-DNPH Cartridge, bed B 270 mg (DNPH-coated silica), bed A 130 mg (2-BPE coated silica), volume 3 mL, pkg of 10 ea	54278-U
BPE-DNPH Cartridge, volume 3 mL, bed A 130 mg (2-BPE coated silica), bed B 270 mg (DNPH-coated silica), pkg of 50 ea	54279-U

* Name	Catalog Number
Calibration solution for glutaraldehydes, 10mL	RAD301
Carbopack™ B, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	29535-U
Carbopack™ B, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., unconditioned, pkg of 10 ea, matrix Carbopack™	30136-U
Carbopack™ B, stainless steel TD tube, O.D. × L 1/4 × 3 1/2, unconditioned, pkg of 10 ea	30135-U
Carbopack™ X, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	29537-U
Carbopack™ B, O.D. × L 1/4 in. × 3 1/2 in., glass TD tube, fritted, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29754-U
Carbopack™ X, O.D. × L 1/4 in. × 3 1/2 in., glass TD tube, fritted, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29756-U
Carbosieve® SIII , O.D. × L 1/4 in. × 3 1/2 in., stainless steel TD tube, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29743-U
Carbosieve® SIII , glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28284-U
Carbosieve® SIII , stainless steel TD tube, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28274-U
Carbosieve® SIII , stainless steel TD tube, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	20012-U
Carbotrap® 202, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28313-U
Carbotrap® 202, stainless steel TD tube, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	20083-U
Carbotrap® 217, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28312-U
Carbotrap® 217, stainless steel TD tube, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	20013-U
Carbotrap® 217, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	29531-U
Carbotrap® 217, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2, unconditioned, pkg of 10 ea	30138-U
Carbotrap® 217, stainless steel TD tube, O.D. × L 1/4 × 3 1/2, unconditioned, pkg of 10 ea	30137-U
Carbotrap® 300, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28283-U
Carbotrap® 300, stainless steel TD tube, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28273-U
Carbotrap® 300, stainless steel TD tube, O.D. × I.D. × L 1/4 in. × 5 mm × 7 in., preconditioned, pkg of 1 ea	20370-U
Carbotrap® 300, O.D. × L 1/4 in. × 3 1/2 in., stainless steel TD tube, preconditioned, pkg of 10 ea	21705-U
Carbotrap® 300, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	29532-U
Carbotrap® 300, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., unconditioned, pkg of 10 ea	30141-U
Carbotrap® 300, stainless steel TD tube, unconditioned	30139-U
Carbotrap® 317, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 4.5 in., preconditioned, pkg of 1 ea	20877
Carbotrap® 349, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28311-U
Carbotrap® 349, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	29533-U
Carbotrap® 400, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 4.5 in., preconditioned, pkg of 1 ea	20882
Carbotrap® 202, O.D. × L 1/4 in. × 3 1/2 in., stainless steel TD tube, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29745-U
Carbotrap® 217, O.D. × L 1/4 in. × 3 1/2 in., stainless steel TD tube, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29744-U
Carbotrap® 217, O.D. × L 1/4 in. × 3 1/2 in., glass TD tube, fritted, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29750-U

Sample Preparation
Air Monitoring/Sampling

* Name	Catalog Number
Carbotrap® 300, O.D. × L 1/4 in. × 3 1/2 in., stainless steel TD tube, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29746-U
Carbotrap® 300, O.D. × L 1/4 in. × 3 1/2 in., glass TD tube, fritted, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29751-U
Carbotrap® 349, O.D. × L 1/4 in. × 3 1/2 in., glass TD tube, fritted, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29752-U
Carboxen® 569, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	29534-U
Carboxen® 569, O.D. × L 1/4 in. × 3 1/2, glass TD tube, fritted, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29753-U
Carrying Case for PAS-500, made to hold single pump	24871
Cartridge Adapter for S10, H10, H30 Cartridges, pkg of 10 ea	21018-U
Cartridge Screw Cap, (f)	21036
Case Screw for MSA Sampling Pump	28125-U
Charge Jack Plug for MSA Sampling Pump	28151-U
Chromosorb® 106, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28285-U
Circuit Board Lockwasher for MSA Sampling Pump	28132-U
Circuit Board Screw for MSA Sampling Pump	28130-U
Clear Vinyl Tubing, 1/4in ID, for MSA Tube Holder	28113-U
Collar for MSA Sampling Pump	28122-U
Critical Orifice For Model 1063 Bag Sampler, flow rate, 1 mL/min	24667
Detector Tube Pump, Kwik-Draw Deluxe	28185-U
Diffusion Caps, Standard	28017-U
Diffusion Caps, with Silicone Membrane	28018-U
DNPH Frits, pk 108	54065-U
DSD-DNPH Color Cap Insert, pkg of 100 ea	J004
DSD-DNPH Diffusive Sampling Device, pkg of 10 ea	28221-U
DSD-DNPH Tube Holder	28222-U
Eccentric and Bearing Assembly for MSA Sampling Pump	28138-U
Empty Air Monitoring Cassettes, size 13 mm, 2 piece (with washer)	23367
Empty Air Monitoring Cassettes, size 25 mm, 3 piece	23372
Empty Air Monitoring Cassettes, size 37 mm, 2 piece	23369
Empty Air Monitoring Cassettes, size 37 mm, 3 piece (with spacer ring)	23370-U
Empty Glass Sampling Tube for Dynatherm™ TDUs, Non-Fritted, TDU tube I.D. × O.D. × L 4 mm × 6 mm × 4.5 in.	20235-U
Empty Stainless Steel Tube w/ Screens for GERSTEL® TD, stainless steel, O.D. × I.D. × L 6 mm × 4 mm × 7 in., pkg of 1 ea	28276-U
Empty Tube for GERSTEL® TD, No-Frit, glass TDU tube, O.D. × I.D. × L 6 mm × 4 mm × 7 in., pkg of 1 ea	28287-U
Empty Tube for Thermal Desorption, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 4.5 in., pkg of 3 ea	20380-U
Empty Tube for Thermal Desorption, glass TD tube, O.D. × I.D. × L 1/4 in. × 4 mm × 7 in., pkg of 1 ea	20918
Empty Tube for Thermal Desorption, stainless steel TD tube, O.D. × I.D. × L 1/4 in. × 5 mm × 7 in., pkg of 1 ea	20920-U
Empty Tube for Thermal Desorption, stainless steel TD tube, O.D. × I.D. × L 1/2 in. × 12 mm × 7 in., pkg of 1 ea	20924
Empty Tube for Thermal Desorption, O.D. × L 1/4 in. × 3 1/2 in.	25084
Empty Tube for Thermal Desorption, stainless steel TD tube (includes screens), O.D. × L 1/4 in. × 3 1/2, pkg of 10 ea	21822-U

* Name	Catalog Number
Empty Tube for Thermal Desorption, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., pkg of 10 ea	29538-U
Empty Tube for Thermal Desorption, glass TD tube (non-fritted), O.D. × L 1/4 in. × 3 1/2 in., with (Tension Springs (qty 10)), pkg of 10 tubes	28714-U
Empty Tube with Frit for GERSTEL® TD, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 7 in., pkg of 1 ea	28286-U
Escort® Elf Air Sampling Pump	28160-U
Escort® Elf Twin Port Sampler	28118-U
Face Assembly O-Ring for MSA Sampling Pump	28126-U
Female Luer Coupler	21015
Female Luer Fitting for 1/8 in. Tubing, pkg of 20 ea	21017
Female Luer to 1/4 in. Hose Barb (nylon), pkg of 2 ea	3135-U
Filter Cartridge	21033
Filter Cartridge Assembly	21031
Filter Cartridge Body, (b)	21034
Filter Cover for MSA Sampling Pump	28144-U
Filter Cover O-Ring for MSA Sampling Pump	28145-U
Filter Cover Screws for MSA Sampling Pump	28143-U
Filter Disc (2 required) for MSA Tube Holder	28111-U
Filter for Critical Orifices, stainless steel filter, pore size 40 µm	24672
Filter Frit for MSA Sampling Pump	28148-U
Filter Label for MSA Tube Holder	28108-U
Filter Ring, (e)	21035
Filter Support Pad, pkg of 100 ea, part O.D. 37 mm	23385
Filter Support Pad, pkg of 500 ea, part O.D. 37 mm	23382
"Y" Fitting for MSA Tube Holder	28116-U
FLM Carbopack™ X Deactivated Stainless Steel TD Tube, preconditioned, pkg of 10 tubes, O.D. × L 1/4 in. (6.35 mm) × 3 1/2 in. (89 mm)	28686-U
Flow Sensor for MSA Sampling Pump	28135-U
Foam Filter, Sheet of 10, for MSA Tube Holder	28109-U
Fuse, 3/8amp, SB 230V Operation for MSA Sampling Pump	28101-U
Gas Sampling Bulb, size 125 mL, glass stopcock	22146-U
Gas Sampling Bulb, size 250 mL, glass stopcock	22147-U
Gas Sampling Bulb, size 500 mL, glass stopcock	22148-U
Gas Sampling Bulb, size 1000 mL, glass stopcock	22144-U
Gas Sampling Bulb, size 125 mL, PTFE stopcock	22161
Gas Sampling Bulb, size 250 mL, PTFE stopcock	22162-U
Gas Sampling Bulb, size 500 mL, PTFE stopcock	22163-U
Gas Sampling Bulb, size 1000 mL, PTFE stopcock	22145-U
Glass Cartridge and Screen for Large PUF Plug, pkg of 1 ea	20563
Glass Cartridge for Small PUF Plug, pkg of 1 ea	20556
Glass Fritted TD Tube, glass TD tube, fritted, O.D. × L 8 mm × 11 mm, unconditioned, pkg of 1 ea, matrix base material (glass beads)	22639-U
Graphsphere™ 2016, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	29536-U
Graphsphere™ 2016, glass TD tube, O.D. × L 1/4 × 3 1/2, fritted, Sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29755-U
Impinger holder	20271
1/4 in. Brass Swagelok® and PTFE Ferrule End-Fitting Assembly, Pre-cleaned for Thermal Desorption Tube, for use with 1/4 in. (6.35 mm) Thermal Desorption Tube, pk of 20 ea	23094-U
Inlet Dampener for MSA Sampling Pump	28140-U
Inlet Dampener Screws fro MSA Sampling Pump	28141-U
Inlet Dust Filter for MSA Sampling Pump pk 5	28146-U
In-line impinger trap w/ 20mm thread	64833
Instruction Manual for MSA Sampling Pump	28152-U

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Sample Preparation

Air Monitoring/Sampling

* Name	Catalog Number
Instruction Manual for MSA Tube Holder	28107-U
Lapel Clips, pkg of 6 ea	21019-U
Large Tube Protector for MSA Tube Holder	28104-U
Leather Case for MSA Sampling Pump	28154-U
Linecord, NEMA 5-15 P, for MSA Sampling Pump	28100-U
LpDNPH Ozone Scrubber, S10L (Reversible Cartridge), Potassium Iodide (KI) 1.5 g, pkg of 10 ea	505285
LpDNPH Ozone Scrubber, Rezorian Cartridge, Potassium Iodide (KI) 1.5 g	54078-U
LpDNPH Rezorian™ Cartridge, bed wt. 350 mg, volume 3 mL, pkg of 10 ea	54074-U
LpDNPH Rezorian™ Cartridge, bed wt. 350 mg, volume 3 mL, pkg of 50 ea	54075-U
LpDNPH S10 Cartridge, bed wt. 350 mg, volume 3 mL, pkg of 50 ea	21014
LpDNPH S10 Cartridge, bed wt. 350 mg, volume 3 mL	21026-U
LpDNPH S10 Cartridge, Starter Kit, bed wt. 350 mg, volume 3 mL	21024-U
LpDNPH S10 Cartridge, bed wt. 350 mg, volume 3 mL	54072-U
LpDNPH S10 Cartridge, bed wt. 350 mg, volume 3 mL, pkg of 50 ea	23124-U
LpDNPH S10L Cartridge, bed wt. 350 mg, volume 1 mL	505358
LpDNPH S10L Cartridge, volume 1 mL	505361-U
LpDNPH S10x Cartridge, bed wt. 350 mg, volume 1.5 mL	505293
LpDNPH H Series Cartridges, H10, volume 3 mL	505315
LpDNPH H Series Cartridges, H10, bed wt. 350 mg, volume 3 mL	505320-U
LpDNPH H Series Cartridges, H30, bed wt. 1 g, volume 6 mL	505323
LpDNPH H Series Cartridges, H300, bed wt. 10 g, volume 20 mL	505331
Male Luer Coupler, pkg of 20 ea	25064-U
Male Luer Fitting for 1/4 in. Tubing, pkg of 10 ea	24856
Male Luer Fitting for 1/8 in. Tubing, pkg of 20 ea	21016
Male Luer Fitting for 3/16 in. tubing, pkg of 20 ea	23364
Mini-Buck Flow Calibrator, model, M-5, 1-6000 mL/min flow rate	24843
Mini-Buck Flow Calibrator, model, M-30, 0.1-30 mL/min flow rate	24845
Mixed Cellulose Ester (MCE) Membrane Filter, GN-4 Metrical® membrane, pore size 0.8 µm, O.D. 25 mm	23380-U
Mixed Cellulose Ester (MCE) Membrane Filter, GN-4 Metrical® membrane, pore size 0.8 µm, O.D. 37 mm	23381
Mixed Cellulose Ester (MCE) Membrane Filter, GN-6 Metrical® membrane, pore size 0.45 µm, O.D. 37 mm	23379
Motor and Connector Assembly for MSA Sampling Pump	28137-U
Mounting Plug Screw for MSA Sampling Pump	28127-U
MSA Sampling Pump Maintenance Parts Kit	28156-U
Needle Kit for Thermal Tubes, pkg of 1 ea	29023-U
Needle valve for model 1067 air sampler, #3	24700-U
Omega Battery Charger, output 12 V (adapter)	28155-U
Omega Battery Charger, AC input 110 V, units charged, 1	28157-U
Omega Battery Charger, AC input 240 V, units charged, 1	28158-U
Omega Battery Charger, AC input 120 V / 240 V, units charged, 5	28159-U
ORBO™ 1000 Precleaned Small PUF Cartridge, O.D. × L 22 mm × 7.6 cm, pkg of 3 ea	20557
ORBO™ 1000 Precleaned Small PUF Plug, Replacement, O.D. × L 22 mm × 7.6 cm, pkg of 3 ea	20600-U
ORBO™ 100 HBR on Carbotrap® B (20/40), 350/175 mg, W,W,W separators, O.D. × L 7 mm × 110 mm, pkg of 25 ea	20255-U

* Name	Catalog Number
ORBO™ 101 Carbotrap® B (20/40), 100/50 mg, W,W, W separators, O.D. × L 6 mm × 70 mm, pkg of 25 ea	20254-U
ORBO™ 1103 Porapak™-Q (50/80), 150/75 mg, W,W, W separators, O.D. × L 6 mm × 100 mm, pkg of 50 ea	20063
ORBO™ 1500 Precleaned Small PUF/Amberlite® XAD®-2/PUF Cartridge, O.D. × L 22 mm × 10 cm, pkg of 3 ea	21233-U
ORBO™ 2000 Precleaned Large PUF Cartridge, O.D. × L 6 cm × 7.6 cm, pkg of 1 ea	20037
ORBO™ 2000 Precleaned Large PUF Plug, Replacement, O.D. × L 6 cm × 7.6 cm, pkg of 1 ea	20038
ORBO™ 2500 Precleaned Large PUF/Amberlite® XAD®-2/PUF Cartridge, O.D. × L 6.5 cm × 125 mm, pkg of 1 ea	21235-U
ORBO™ 303 Activated Petroleum Charcoal (20/40), 100/50 mg, W,F,F separators, O.D. × L 6 mm × 70 mm, pkg of 50 ea	20019-U
ORBO™ 304 Charcoal <i>low nickel content</i> (20/40), 120/60 mg, W,F,F separators, O.D. × L 6 mm × 80 mm, pkg of 50 ea	20041
ORBO™ 306 Petroleum Charcoal (20/40), 400/200 mg, W,F,F separators, O.D. × L 8 mm × 110 mm, pkg of 50 tubes	20073-U
ORBO™ 32 Small Activated Coconut Charcoal (20/40), 100/50 mg, W,F,F separators, O.D. × L 6 mm × 75 mm, pkg of 50 ea	20267-U
ORBO™ 351 4-TBC on Activated Coconut Charcoal (20/40), 100/50 mg, W,W,W separators, O.D. × L 6 mm × 75 mm, pkg of 50 ea	20042
ORBO™ 353 HBr on Petroleum Charcoal (20/40), 100/50 mg, W,W,W separators, O.D. × L 6 mm × 75 mm, pkg of 25 ea	20044
ORBO™ 356 4-TBC on Activated Coconut Charcoal (20/40), 400/200 mg, W,W,W separators, O.D. × L 8 mm × 110 mm, pkg of 50 ea	20047
ORBO™ 402 Tenax® TA <i>specialty treated</i> (35/60), 100/50 mg, W,W,W separators, O.D. × L 8 mm × 100 mm, pkg of 50 ea	20832-U
ORBO™ 403 Tenax® TA <i>specialty treated</i> (60/80), 100/50 mg, W,W,W separators, O.D. × L 6 mm × 105 mm, pkg of 50 ea	20034
ORBO™ 42 Small Supelpak™-20 <i>specialty treated</i> Amberlite® XAD®-2 (20/40), 66/33 mg, W,F,F (specialty treated) separators, O.D. × L 6 mm × 75 mm, pkg of 50 ea	20262
ORBO™ 43 Supelpak™-20 <i>specialty treated</i> Amberlite® XAD®-2 (20/40), 100/50 mg, W,W,W (specialty treated) separators, O.D. × L 8 mm × 100 mm, pkg of 50 ea	20258
ORBO™ 502 Activated Silica Gel (20/45) 100/50 mg, W,W,F separators, O.D. × L 6 mm × 75 mm, pkg of 50 ea	20030-U
ORBO™ 506 Activated Silica Gel (45/60) 300/150 mg, W,W,W separators, O.D. × L 8 mm × 75 mm, pkg of 50 ea	20032
ORBO™ 507 Silica Gel (20/40), 520/260 mg, W,W,F separators, O.D. × L 8 mm × 110 mm, pkg of 50 ea	20870-U
ORBO™ 52 Small Activated Silica Gel (20/40) 150/75 mg, pk 50, W,W,F separators, O.D. × L 6 mm × 75 mm, pkg of 50 ea	20229
ORBO™ 554 H ₂ SO ₄ on Silica Gel (20/40) 150/75 mg, W, W, W separators, O.D. × L 6 mm × 75 mm, pkg of 50 ea	20033
ORBO™ 555 LpDNPH 300/150 mg Sorbent Tube, W,W, W separators, O.D. × L 6 mm × 105 mm, pkg of 20 ea	54020-U
ORBO™ 558 LpDNPH 300/150 mg Sorbent Tube, W,W, W separators, glass tube size × L 8 mm × 115 mm, pkg of 20 ea	54081-U
ORBO™ 601 Amberlite® XAD®-8 (16/50), 100 mg (single adsorbent), W,W separators, O.D. × L 6 mm × 75 mm, pkg of 50 ea	20048
ORBO™ 605 Amberlite® XAD®-2 <i>specialty cleaned</i> (20/50) 100/50 mg, W,W,W separators, O.D. × L 6 mm × 100 mm, pkg of 50 ea	20049

Sample Preparation
Air Monitoring/Sampling

* Name	Catalog Number
ORBO™ 608 Amberlite® XAD®-2 (20/50) 150/75 mg, W,W,W separators, O.D. x L 8 mm x 110 mm, pkg of 50 ea	20050-U
ORBO™ 609 Amberlite® XAD®-2 (20/50) 400/200 mg, W,W,W separators, O.D. x L 8 mm x 110 mm, pkg of 50 ea	20051
ORBO™ 613 Amberlite® XAD®-4 80/40 mg, W,W,W separators, O.D. x L 6 mm x 75 mm, pkg of 50 ea	20052
ORBO™ 615 Amberlite® XAD®-7 (15/50), 60/30 mg, W,W,W separators, O.D. x L 6 mm x 75 mm, pkg of 50 ea	20053
ORBO™ 655 Amberlite® XAD®-7 phosphoric acid treated (20/60), 80/40 mg, W,W,W separators, O.D. x L 6 mm x 75 mm, pkg of 50 ea	20054
ORBO™ 657 1-2PP on Amberlite® XAD®-7 (20/60), 80/40 mg, W,W,W separators, O.D. x L 6 mm x 90 mm, pkg of 50 ea	20055
ORBO™ 827 LpDNPH Coated Filter, 37mm, pkg of 25 ea	20069
ORBO™-93 Sorbent Tube, matrix Carboxen® 1000, ORBO tube I.D. x L 6 mm x 95 mm, Bed B 90 mg, Bed A 180 mg, 60/80 mesh, pkg of 25 ea	23446-U
ORBO™ 34 Activated Coconut Charcoal <i>specialty treated</i> (20/40), 400/200 mg, W,GFF,F separators, O.D. x L 8 mm x 105 mm, pkg of 25 ea	20211
ORBO™ 33 Activated Petroleum Charcoal (20/40), 700/390 mg, W,F,F separators, O.D. x L 8 mm x 150 mm, pkg of 50 ea	20259
ORBO™ 53 Activated Silica Gel (20/40) <i>specialty cleaned</i> , 400/200 mg with Glass Fiber Filters, GFF,F,F separators, O.D. x L 7 mm x 100 mm, pkg of 50 ea	20265
ORBO™ 47 Amberlite® XAD®-7 <i>specialty treated</i> , 100/50 mg, W,W,W separators, O.D. x L 6 mm x 90 mm, pkg of 50 ea	20349
ORBO™ 91 Carbosieve®-SIII <i>specialty treated</i> (60/80), 130/65 mg, W,W,W separators, O.D. x L 6 mm x 75 mm, pkg of 25 ea	20360
ORBO™ 90 Carboxen® 564 (20/45), 160/80 mg, W,F,F separators, O.D. x L 6 mm x 75 mm, pkg of 25 ea, for analyte group MEK (methylene ketone)	20358
ORBO™ 92 Carboxen® 564 (20/45), 160/80 mg, W,F,F separators, O.D. x L 6 mm x 75 mm, pkg of 25 ea, for analyte group Vinyl acetate	20362
ORBO™ 80 Coated Filter, with cassettes (unassembled)	20812-U
ORBO™-DNPH LpDNPH on Silica Gel, 120 mg, PE separators, O.D. x L 6 mm x 90 mm, w/frangible seal, pk of 10 tubes	20081-U
ORBO™ 60 FLORISIL® <i>purified/deactivated</i> (30/45), 100/50 mg, W,F,F (specialty cleaned) separators, O.D. x L 6 mm x 75 mm, pkg of 50 ea	20351
ORBO™ 77 H ₂ SO ₄ -Treated Carbon Bead (20/30), 500/250 mg, W,W,W separators, O.D. x L 8 mm x 150 mm, pkg of 50 ea	20036
ORBO™ 78 HBR on Carboxen® 564 <i>specialty cleaned</i> (20/45), 400/200 mg, W,W,W separators, O.D. x L 6 mm x 110 mm, pkg of 25 ea	20355
ORBO™ 23 2-HMP on Amberlite® XAD®-2 (20/40), 120/60 mg, W,W,W separators, O.D. x L 6 mm x 85 mm, pkg of 25 ea	20257-U
ORBO™ 24 2-HMP on Amberlite® XAD®-2 (20/40), 150/75 mg, W,W,W separators, O.D. x L 6 mm x 105 mm, pkg of 25 ea	20231
ORBO™ 2-HMP on Supelpak™ 20N Tube, W,W,W separators, O.D. x L 8 mm x 115 mm, pkg of 25 ea	20357
ORBO™ 80 Isocyanate Filter, with cassettes: No, filter O.D. 37 mm, pkg of 25 ea	20811
ORBO™ 32 Large Activated Coconut Charcoal (20/40), 400/200 mg, W,W,F separators, O.D. x L 8 mm x 110 mm, pkg of 50 ea	20228
ORBO™ 52 Large Activated Silica Gel (45/60) 150/150 mg, W,W,W separators, O.D. x L 8 mm x 75 mm, pkg of 50 ea	20263

* Name	Catalog Number
ORBO™ 42 Large Supelpak™-20 <i>specialty treated Amberlite® XAD®-2</i> (20/40), 100/50 mg, W,W,W (specialty treated) separators, O.D. x L 10 mm x 100 mm, pkg of 50 ea	20264-U
ORBO™ 70 5% Na ₂ CO ₃ on Chromosorb®-P (30/60), 335/165 mg, W,W,W separators, O.D. x L 8 mm x 100 mm, pkg of 50 ea	20256-U
ORBO™ 65P (OVS) Amberlite® XAD®-4 <i>specialty cleaned</i> , 160/80 mg, RC,GFF,F,F (specialty cleaned) separators, O.D. x L 13 to 8 mm x 75 mm, OSHA Versatile Sampler (OVS), pkg of 10 ea	20029-U
ORBO™ 49P (OVS) Supelpak™-20 <i>specialty treated Amberlite® XAD®-2</i> (20/40), 270/140 mg, RC,GFF,F,F (specialty cleaned) separators, O.D. x L 13 to 8 mm x 75 mm, OSHA Versatile Sampler (OVS) Tube, pkg of 10 ea	20350
ORBO™ 44Supelpak™-20 <i>specialty treated Amberlite® XAD®-2</i> (20/40), 100/50 mg, W,W,W (specialty treated) separators, O.D. x L 8 mm x 100 mm, pkg of 50 ea	20260-U
ORBO™ Tube Cutter, for ORBO tube cutting	20596
Outlet Dampener for MSA Sampling Pump	28142-U
PAS-500 Micro Air Sampler with Low Flow Orifice, Includes 6 mm tube holder, screwdriver, and two 9-volt batteries	24865
Pen Clips for SS Tubes, pk 10	28016-U
Petri dish safety dispenser	51182-SEA-F
pk20 Female Luer Fitting, 5/32in Tubing, Polypropylene	28224-U
Pk.20 polycarbonate caps for ready to use sampler	RAD1241
Pk.20 polypropylene containers for ready to use sampler	RAD1242
pk5 Glass Reservoirs, 5mL	20015-U
Polyvinylchloride (PVC) Membrane Filter, GLA-5000 membrane, pore size 5 µm, O.D. 37 mm	23387
Precleaned ORBO-2500 Replacement PUFs (2 pc), pkg of 1 ea (includes 2 pieces per jar)	20009-U
Printer Circuit Board Assemblu for MSA Sampling Pump	28123-U
PTFE End Caps for Turbomatrix	28002-U
PTFE Filter for MSA Sampling Pump	28147-U
PTFE Membrane Filter, TF-1000 membrane, pore size 1 µm, O.D. 37 mm	23383
PTFE Membrane Filter, Zefluor™ membrane, pore size 0.5 µm, O.D. 25 mm	23395
PTFE Membrane Filter, Zefluor™ membrane, pore size 1 µm, O.D. 37 mm	23391
PTFE Membrane Filter, Zylon™ membrane, pore size 5 µm, O.D. 37 mm	23389
PTFE Packed Column Ferrule, ¼ in. Column O.D., ¼ in. O.D. Column	29024-U
PTFE Washer for 13mm Cassettes	23388
Pump and Drive without Pressure Sensor for MSA Sampling Pump	28134-U
Pump and Flow Assembly, Complete, for MSA Sampling Pump	28121-U
Pump Block and Valves Assembly for MSA Sampling Pump	28139-U
Quartz Filter, 32mm diameter, (d)	21038
radiello™ Aldehyde Calibration Standard, 50 µg/mL each component in acetonitrile, pkg of 10 mL	RAD302
radiello™ Anesthetic Gases and Vapor Sampler	RAD125
radiello™ Barcode Labels, pk of 198	RAD190
radiello™ BTEX Calibration Kit (CS ₂ Desorption)	RAD405
radiello™ BTEX Calibration Kit (Thermal Desorption)	RAD407
radiello™ BTEX/VOC Starter Kit, CS ₂ Desorption	RAD130S
radiello™ BTEX/VOC Starter Kit, Thermal Desorption	RAD145S
radiello™ 1,3-Butadiene Starter Kit, Thermal Desorption, pkg of 1 kit (2 RAD141 adsorbing cartridges and barcode labels, 1 RAD1202 yellow diffusive body, 1 RAD121 triangular support plate, 1 instruction sheet)	RAD141S

3: Analytical Applications & Standards

Sample Preparation

Air Monitoring/Sampling

* Name	Catalog Number
radiello™ Cartridge Adsorbents, for sampling Aldehydes, matrix SS net with 2,4-DNPH coated FLORISIL®, pk of 20	RAD165
radiello™ Cartridge Adsorbents, for sampling Ammonia (NH ₃), matrix microporous PE impregnated with phosphoric acid, pk of 20	RAD168
radiello™ Cartridge Adsorbents, for sampling Anaesthetic Gases/Vapors, matrix SS net with mix of mol sieve and activated charcoal (30-50 mesh), pk of 20	RAD132
radiello™ Cartridge Adsorbents, for sampling BTEX and VOCs (CS ₂ Desorption), matrix SS net (100 mesh, 5.8 mm diam.), activated with activated charcoal (30-50 mesh), pk of 20	RAD130
radiello™ Cartridge Adsorbents, for sampling BTEX and VOCs (thermal desorption), matrix SS net (3 x 8 µm, 4.8 mm diam.), Carbograph, pk of 20	RAD145
radiello™ Cartridge Adsorbents, for sampling HCl, matrix SS net with silica gel (100-400 µm particle size), pk of 20	RAD169
radiello™ Cartridge Adsorbents, for sampling HF, NO ₂ , and SO ₂ , matrix microporous PE impregnated with wet TEA, pk of 20	RAD166
radiello™ Cartridge Adsorbents, for sampling Hydrogen Sulfide (H ₂ S), matrix microporous PE coated with zinc acetate, pk of 20	RAD170
radiello™ Cartridge Adsorbents, for sampling Ozone (O ₃), matrix microporous PE tube with 4,4'-dipyridyl-ethylene coated silica, pk of 20	RAD172
radiello™ Cartridge Adsorbents, for sampling Phenolic Compounds (thermal desorption), matrix SS net (100 mesh, 4.8 mm diam.), Tenax-TA, pk of 20	RAD147
radiello™ Cartridge Adsorbents, pkg of 20 ea	RAD141
radiello™ Clips, suspending Radiello triangular support plate, pk of 20	RAD195
radiello™ Diffusive Bodies, white, configured for general use, pk of 20	RAD120
radiello™ Diffusive Bodies, blue, configured for sampling light sensitive compounds, pk of 20	RAD1201
radiello™ Diffusive Bodies, yellow, configured for reduced sampling rates, pk of 20	RAD1202
radiello™ Diffusive Bodies, permeative, configured for anaesthetic gases and vapors, pk of 20	RAD1203
radiello™ Empty Storage Tubes, glass (with stopper), volume 2.8 mL, pk of 100	RAD1991
radiello™ Empty Storage Tubes, polypropylene (with stopper), volume 12 mL, pk of 100	RAD1992
radiello™ Filtration Kit, pk of 20	RAD174
radiello™ Hydrogen Sulfide Starter Kit	RAD170S
radiello™ Methylene Blue Calibration Standard for H ₂ S (Hydrogen Sulfide), pkg of 100 mL	RAD171
radiello™ On-Field Thermometer, Includes one standard Radiello vertical adapter (RAD122) for each thermometer, configured for standard use, pk of 3	RAD126
radiello™ On-Field Thermometer, configured for ready-to-use (rtu) samplers, Include one rtu vertical adapter for each thermometer, pk of 3	RAD1261
radiello™ On-Field Thermometer, Reader, pk of 1	RAD127
radiello™ Outdoor Shelter, pk of 10	RAD196
radiello™ ready-to-use Diffusive Sampler, for sampling BTEX and VOCs (CS ₂ Desorption), pk of 5	RAD1231
radiello™ ready-to-use Diffusive Sampler, for sampling BTEX and VOCs (Thermal Desorption), pk of 5	RAD1232
radiello™ ready-to-use Diffusive Sampler, for sampling HF, NO ₂ , and SO ₂ , pk of 5	RAD1233
radiello™ ready-to-use Diffusive Sampler, for sampling Aldehydes, pk of 5	RAD1234
radiello™ ready-to-use Diffusive Sampler, for sampling Ozone (O ₃), pk of 5	RAD1235
radiello™ ready-to-use Diffusive Sampler, for sampling Hydrogen Sulfide (H ₂ S), pk of 5	RAD1236
radiello™ ready-to-use Diffusive Sampler, for sampling Ammonia (NH ₃), pk of 5	RAD1237

* Name	Catalog Number
radiello™ ready-to-use Diffusive Sampler, for sampling HCl, pk of 5	RAD1238
radiello™ Replacement Mounting Strips, for use with Radiello Outdoor Shelter, pk of 100	RAD198
radiello™ Triangular Support Plate, pk of 20	RAD121
radiello™ Vertical Adapter, threaded for standard use, pk of 20	RAD122
radiello™ Vertical Adapter, non-threaded for ready-to-use samplers, pk of 20	RAD1221
radiello™ VOC Calibration Kit (Workplace Environment)	RAD406
Repair Kit of Parts for MSA Tube Holder	28119-U
Replaceable fluoropolymer-faced silicone septa for ZHE Fitting, pkg of 10 ea	30282-U
Replacement Ferrules for TMX Brass Caps, pk 20	28012-U
Replacement Sensor for MSA Sampling Pump	28136-U
Replacement septa for storage containers, for use with all TDS ³ Containers	25073
Replacement Thermogreen LB-2 Septa for SCV Valve, pkg of 10 ea	29458-U
Repl quick-Tube connectors for mdl 1067 air sampler, pk2	24695-U
O-Ring for Filter Cartridge, (a)	21037
Screens for GERSTEL® TD Tubes, pkg of 10 ea	28277-U
Screwdriver for MSA Sampling Pump	28153-U
Screw (4 required) for MSA Tube Holder	28117-U
Sealing Band for Cassette, for use with 25mm Cassette	23365
Sealing Band for Cassette, for use with 37mm Cassette	23366
Small Tube Protector for MSA Tube Holder	28105-U
Spill-Resistant Midget Bubbler, bubbler volume 40 mL	64832
SS Washer (2 required) for MSA Tube Holder	28112-U
Stainless Steel Screen	21008-U
Stainless Steel Tension Springs for TD Tubes	23393-U
Standard Midget Bubbler, reservoir volume 25 mL	64835-U
Standard Midget Impinger, reservoir volume 25 mL	20270-U
Static Dilution Bottle w/ Mininert® Valve	21992
Storage Container Cap, PTFE, for use with PerkinElmer ATD-400	28019-U
Stripper vial, 100ml, w/Injection port, glass	22679
Stripper vial, 10ml, w/Injectionport, glass	22675
Stripper vial, 20ml, w/Injectionport, glass	22676
Supel™-Inert Multi-Layer Foil , maximum volume 0.6 L, Screw Cap Valve (SCV), pkg of 10 bags	30279-U
Supel™-Inert Multi-Layer Foil, maximum volume 0.6 L, Push/Pull Lock Valve (PLV), pkg of 10 bags	30281-U
Supel™-Inert Multi-Layer Foil , maximum volume 1 L, Screw Cap Valve (SCV), pkg of 10 bags	30226-U
Supel™-Inert Multi-Layer Foil , maximum volume 2 L, Screw Cap Valve (SCV), pkg of 10 bags	30227-U
Supel™-Inert Multi-Layer Foil , maximum volume 5 L, Screw Cap Valve (SCV), pkg of 10 bags	30228-U
Supel™-Inert Multi-Layer Foil , maximum volume 10 L, Screw Cap Valve (SCV), pkg of 10 bags	30229-U
Supel™-Inert Multi-Layer Foil , maximum volume x W x L 1 L x 7 in. x 9 in., pkg of 10 bags	30237-U
Supel™-Inert Multi-Layer Foil , maximum volume 2 L, Push/Pull Lock Valve, pkg of 10 bags	30238-U
Supel™-Inert Multi-Layer Foil , maximum volume 5 L, Push/Pull Lock Valve (PLV), pkg of 10 bags	30239-U
Supel™-Inert Multi-Layer Foil , maximum volume 10 L, Push/Pull Lock Valve (PLV), pkg of 10 bags	30240-U
Supelpak™-4, bed wt. 400 mg, size 1 mL	54254-U
Switch Cover for MSA Sampling Pump	28133-U
TDS ³ ™ Sampling Caps with Washers for 1/4 in. Containers, for use with TDS ³ to convert it to sampling	25069

Sample Preparation
Air Monitoring/Sampling

* Name	Catalog Number
TDS ³ ™ Storage Container, for use with PerkinElmer ATD-50, ATD-400, Turbomatrix, for use with Markes International Unity	25097-U
TDS ³ ™ Storage Container, for use with Dynatherm™ 850/890, ACEM 900/901-FF (Standard sampling tube)	25096-U
TDS ³ ™ Storage Container, for use with Chrompack	25098-U
TDS ³ ™ Storage Container, for use with Gerstel® TDS 2/TDS/A, for use with Tekmar AEROTrap 6000	25095-U
TDS ³ ™ Storage Container, for use with Gerstel 60mm TDU Tubes	28307-U
TD Tube for Low Concentration Odors	29022-U
1L Tedlar® Gas Sampling Bag for EPA TCLP Method, pkg of 10 bags	30277-U
2L Tedlar® PLV Gas Sampling Bag w/Thermogreen® LB-2 Septa	24654
10L Tedlar® PLV Gas Sampling Bag w/Thermogreen® LB-2 Septa, maximum volume 10 L, Push/Pull Lock Valve (PLV) (Push Lock Valve (PLV))	24634
1L Tedlar® PLV Gas Sampling Bag w/Thermogreen® LB-2 Septa, Push/Pull Lock Valve (PLV)	24633
25L Tedlar® PLV Gas Sampling Bag w/Thermogreen® LB-2 Septa, pkg of 5 ea	30243-U
3L Tedlar® PLV Gas Sampling Bag w/Thermogreen® LB-2 Septa	30291-U
5L Tedlar® PLV Gas Sampling Bag w/Thermogreen® LB-2 Septa	24655
10L Tedlar® SCV Gas Sampling Bag w/Thermogreen® LB-2 Septa	30276-U
25L Tedlar® SCV Gas Sampling Bag w/Thermogreen® LB-2 Septa, pkg of 5 ea	30244-U
2L Tedlar® SCV Gas Sampling Bag w/Thermogreen® LB-2 Septa	30273-U
3L Tedlar® SCV Gas Sampling Bag w/Thermogreen® LB-2 Septa	30285-U
5L Tedlar® SCV Gas Sampling Bag w/Thermogreen® LB-2 Septa	30274-U
1L Tedlar® SCV Gas Sampling Bag w/Thermogreen® LB-2 Septa, pk10	30272-U
Tenax® GR, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28282-U
Tenax® GR, stainless steel TD tube, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28272-U
Tenax® GR, stainless steel TD tube, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	20011-U
Tenax® GR, O.D. × L 1/4 in. × 3 1/2 in., glass TD tube, fritted, preconditioned, pkg of 10 ea	29549-U
Tenax® GR, 60/80 mesh, O.D. × L 1/4 in. × 3 1/2, stainless steel TD tube, sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29742-U
Tenax® GR, 60/80 mesh, O.D. × L 1/4 in. × 3 1/2 in., glass TD tube, fritted, sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29749-U
Tenax® TA, 35/60 mesh, O.D. × L 1/4 in. × 3 1/2 in., glass TD tube, fritted, sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29747-U
Tenax® TA, 60/80 mesh, O.D. × L 1/4 in. × 3 1/2 in., glass TD tube, fritted, sealed with Brass Endcaps, preconditioned, pkg of 10 ea	29748-U
Tenax® TA, O.D. × L 1/4 in. × 3 1/2 in., glass TD tube, fritted, 60/80 mesh, preconditioned, Sealed with TDS ³ Storage Container, pkg of 10 ea	29539-U
Tenax® TA, 60/80 mesh, O.D. × L 1/4 in. × 3 1/2 in., stainless steel TD tube, sealed with (Brass Endcaps), preconditioned, pkg of 10 ea	29741-U
Tenax® TA, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 4.5 in., preconditioned, pkg of 1 ea	20896-U
Tenax® TA, stainless steel TD tube, O.D. × I.D. × L 1/4 in. × 5 mm × 7 in., preconditioned, pkg of 1 ea	20913-U
Tenax® TA, stainless steel TD tube, O.D. × I.D. × L 1/2 in. × 12 mm × 7 in., preconditioned, pkg of 1 ea	20984
Tenax® TA, O.D. × L 1/2 in. × 7 in., glass TD tube	20988

* Name	Catalog Number
Tenax® TA, glass TD tube, fritted, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28281-U
Tenax® TA, stainless steel TD tube, O.D. × I.D. × L 6 mm × 4 mm × 7 in., preconditioned, pkg of 1 ea	28271-U
Tenax® TA, stainless steel TD tube, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	20010-U
Tenax® TA, size 60-80 mesh, glass TD tube (non-fritted), O.D. × L 1/4 in. × 3 1/2 in., preconditioned, Sealed with (Swagelok® End-fittings)	28715-U
Tenax® TA, 35/60 mesh, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., preconditioned, pkg of 10 ea	29530-U
Tenax® TA, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., unconditioned, pkg of 10 ea, 35-60 mesh	30132-U
Tenax® TA, glass TD tube, fritted, O.D. × L 1/4 in. × 3 1/2 in., unconditioned, pkg of 10 ea, 60-80 mesh	30134-U
Tenax® TA, stainless steel TD tube, O.D. × L 1/4 in. × 3 1/2 in., unconditioned, pkg of 10 ea	30131-U
Tenax® TA, stainless steel TD tube, O.D. × L 1/4 in. × 3 1/2 in., unconditioned, pkg of 10 ea	30133-U
Tenax® TA / Carboxen® 1018, glass TD tube, preconditioned, O.D. × L 1/4 in. × 3 1/2 in., Sealed with (Swagelok® End-Fittings), pkg of 10 ea	28718-U
Threaded Midget Bubbler, volume 22 mL	64834-U
Threaded Midget Impinger, volume 22 mL	64712-U
Tube Cutter Adjustable Replacement Blade	20575
Tube Holder for PAS-500 Pump, for use with 6mm sorbent tube	24867
Tube Holder for PAS-500 Pump, for use with 8mm sorbent tube	24868
Tube Holder for PAS-500 Pump, for use with detector tube	24869
Tube Holder (2 required) for MSA Tube Holder	28110-U
Tubing, 1/4" ID clear flexible PVC, 10ft, tubing L × I.D. 10 ft × 1/4 in.	24855-U
TurboMatrix storage cap, brass, for use with PerkinElmer Turbomatrix	28011-U
Universal Elution Rack for LpDNPH Cartridges, pk of 1	21043-U
Vacuum Sampling Pumps, Model 1060 Bag Sampler (Single 1-2 Liter Bags)	24622-U
Vacuum Sampling Pumps, Model 1062 Bag Sampler (Single 1-10 Liter Bags)	24623
Vacuum Sampling Pumps, Model 1063 Bag Sampler (Six 1 Liter Bags)	24647
Vacuum Sampling Pumps, Model 1067 Tube Sampler (Dual channel)	507113
Valve for TDU model 890, 6-Port	52177-U
VOST Stack Sampling Tube, empty	21993
VOST Storage Container	21998

Extraction Devices

* Name	Catalog Number
Cold Trap, glass liquid condenser straight (one-piece construction)	22421
Condenser, size small	64815-U
Condenser, size medium	64816-U
Condenser, size large	64817-U
Drip Spout Union, fritted	64771
Drip Spout Union	64809-U
Elbow Union 1/4 in. × 1/4 in.	64775-U
Extraction Chamber	64770-U
Extraction Chamber	64808
Extractor, size small	64818
Extractor, size medium	64819-U
Extractor, size large	64820-U
Flask for Kuderna-Danish, size 250 mL, threaded joint	64708-U

3: Analytical Applications & Standards

Sample Preparation

Extraction Devices

* Name	Catalog Number
Flask for Kuderna-Danish, size 250 mL, ground joint	64719-U
Flask for Kuderna-Danish, size 250 mL, ground joint	64729
Flask for Kuderna-Danish, size 500 mL, ground joint	64710-U
Flask for Kuderna-Danish, size 40 mL, ground joint	64722
Flask for Kuderna-Danish, size 40 mL, threaded joint	64698
Flat Bottom Flask, size 125 mL	64821-U
Flat Bottom Flask, size 250 mL	64822-U
Flat Bottom Flask, size 300 mL	64823
Glass Stopper, Joint: ST/NS 19/22	64644
Kuderna-Danish Sample Concentrator, Macro design, ground joint	64685-U
Kuderna-Danish Sample Concentrator, Micro design, threaded joint	64688-U
Kuderna-Danish Sample Concentrator, Macro design, threaded joint	64704-U
Kuderna-Danish Sample Concentrator, Micro design, ground joint	64718
Liquid/Liquid Extractor-Concentrator Kit	64807-U
Liquid/Liquid Heater Block	64811-U
Micro Connector, for connecting 13mm to 20mm threaded joint	64701-U
Micro Connector, for connecting 20mm to 20mm threaded joint	64700-U
Micro, 19/22 gr jt, heatless concentrator adaptor	64783-U
Plastic Clip, for use with ST 19/22 ground joint, pkg of 5 ea	64763
Plastic Clip, for use with 24/40 f	64764
Polypropylene Connector 13/24mm, pk 6	21389-U
PTFE Sleeve, for use with 24/40 f, pkg of 5	64761
PTFE Sleeve, for use with ST 19/22 ground joint, pkg of 5 ct	64762
PTFE Sleeve, for use with 45/50 ST	64789
PTFE Tubing 1/4 in. x 13 in.	64776
Receiving Vessel, size 4 mL, ground joint	64687-U
Receiving Vessel, size 10 mL, ground joint	64695
Receiving Vessel, size 4 mL, threaded joint	64702
Receiving Vessel, size 10 mL, threaded joint	64703
Receiving Vessel, size 25 mL, threaded joint	64726
Receiving Vessel, size 25 mL, ground joint	64731-U
Receiving Vessel, size 15 mL, ground joint	64684-U
Receiving Vessel, size 15 mL, threaded joint	64707
Receiving Vessel, size 2 mL, ground joint	64723
Receiving Vessel, size 2 mL, threaded joint	64689-U
Reusable Sample Cleanup Columns, Champagne Design	58099
Round Bottom Flask, size 500 mL	64678-U
Screw Top Mini Flask with Hole Cap and Septum, volume 10 mL, pkg of 12 ea	64715
Screw Top Mini Flask with Hole Cap and Septum, volume 25 mL, pkg of 12 ea	64716-U
Separatory Funnel, glass stopcock plug, size 250 mL	64803-U
Separatory Funnel, glass stopcock plug, size 2000 mL	64804-U
Separatory Funnel, PTFE stopcock, size 250 mL	64805-U
Separatory Funnel, PTFE stopcock, size 2000 mL	64806
Side Arm Elbow	64772-U
Side Arm Elbow	64810-U
Sleeve 55/50, PTFE, pk2	64787-U
Snyder Column, 2-ball design, ground joint	64694
Snyder Column, 3-ball design, threaded joint	64696
Snyder Column, 3-ball design, ground joint	64720-U
Snyder Column, 2-ball design, ground joint	64727-U
Snyder Column, 3-ball design, ground joint	64693-U
Snyder Column, 3-ball design, threaded joint	64705-U

* Name	Catalog Number
Snyder Column, 0-ball design, ground joint	64721
Solvent recovery condenser 500ml, ea	64839
Soxhlet-Dean stark adapter 45/50 gr jt	64828-U
Soxhlet-Dean stark adapter 55/50 gr jt	64829-U
Soxhlet Extraction Apparatus, size small	64824
Soxhlet Extraction Apparatus, size medium	64825
Springs, 1/2 in., ground joint	64711
Stopcock Plug, PTFE	64779-U
Thimble, cellulose, size 25 mm x 80 mm	64840-U
Thimble, cellulose, size 33 mm x 94 mm	64841-U
Thimble, cellulose, size 43 mm x 123 mm	64842
Thimble, glass, size 25 mm x 85 mm	64836-U
Thimble, glass, size 35 mm x 90 mm	64837
Thimble, glass, size 45 mm x 130 mm	64838

Purge & Trap

* Name	Catalog Number
Adapter for needle sparger, 1/4"	64625-U
Fritless Purge Sampler Glassware, size 5 mL, Tekmar, 14-2336-024	22780
Fritless Purge Sampler Glassware, size 25 mL, Tekmar, 14-2333-024	22788-U
Fritless Purge Sampler Glassware, size 5 mL, with Injection Port	22782
Fritless Purge Sampler Glassware, size 25 mL, with Injection Port	22790-U
Fritted Purge Sampler, size 5 mL, Tekmar, 14-2337-024	22781
Fritted Purge Sampler, size 25 mL, Tekmar, 14-2334-024	22789
Fritted Purge Sampler, size 5 mL, right stem, Tekmar, 14-3544-124	22742-U
Fritted Purge Sampler, size 25 mL, right stem, Tekmar, 14-3546-124	22744
Fritted Purge Sampler, size 5 mL, top stem, Tekmar, 14-4006-024	22748
Fritted Purge Sampler, size 25 mL, top stem, Tekmar, 14-4007-024	22749
Model 1000 oxygen trap, connections size 1/8 in.	Z290238-1EA
Model 1000 oxygen trap, connections size 1/4 in.	Z290246-1EA
Modified BTEX Trap M, configured for Tekmar Stratum	28999-U
Modified BTEXTRAP™ L, Tekmar® 2000	20076-U
Modified BTEXTRAP™ M, Tekmar® 2000	20077-U
Modified BTEXTRAP™ L, Tekmar® 3000	20078-U
Modified BTEXTRAP™ M, Tekmar® 3000	20079-U
Modified purging device (frit porosity med/fine)	64713
Needle Purge Tube, size 223 mm x 6 mm, Tekmar, 14-3913-024	21996
Needle Sparge Glassware, size 5 mL x 6 in., Tekmar, 14-2052-024	22724
Needle Sparge Glassware, size 25 mL x 8.25 in., Tekmar, 14-2053-024	22725-U
Purge device sample chamber 5ml, ea	64629-U
Purge/Trap A, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT3	21059-U
Purge/Trap A, configured for OI Analytical 4460	21135
Purge/Trap A, configured for Tekmar 3000, 3100 (Straight, 12 in./30.5 cm, Valco fitting)	24910-U
Purge/Trap A, configured for OI Analytical Eclipse 4660, 4560	24930-U
Purge/Trap A, configured for Tekmar Stratum	28974-U

Sample Preparation

Purge & Trap

* Name	Catalog Number
Purge/Trap B, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT-3	21060-U
Purge/Trap B, configured for OI Analytical Eclipse 4660, 4560	24931
Purge/Trap B, configured for Tekmar Stratum	28977-U
Purge/Trap C, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT-3	21061-U
Purge/Trap C, configured for OI Analytical 4460	21137
Purge/Trap C, configured for Tekmar 3000, 3100 (Straight, 12 in./30.5 cm, Valco fitting)	24912-U
Purge/Trap C, configured for OI Analytical Eclipse 4660, 4560	24932
Purge/Trap C, configured for Tekmar Stratum	28979-U
Purge/Trap D, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT-3	21062-U
Purge/Trap D, configured for Tekmar 3000, 3100 (Straight, 12 in./30.5 cm, Valco fitting)	24913-U
Purge/Trap D, configured for Tekmar Stratum	28981-U
Purge/Trap E, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT-3	20294
Purge/Trap E, configured for OI Analytical 4460	21139
Purge/Trap E, configured for Tekmar 3000, 3100 (Straight, 12 in./30.5 cm, Valco fitting)	24914
Purge/Trap E, configured for OI Analytical Eclipse 4660, 4560	24934
Purge/Trap E, configured for Tekmar Stratum	28982-U
Purge/Trap F, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT-3	20293
Purge/Trap F, configured for Tekmar Stratum	28983-U
Purge/Trap G, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT-3	20295
Purge/Trap G, configured for Dynatech "Dyna"	21081
Purge/Trap G, configured for Tekmar 3000, 3100 (Straight, 12 in./30.5 cm, Valco fitting)	24916
Purge/Trap G, configured for OI Analytical Eclipse 4660, 4560	24936
Purge/Trap G, configured for Tekmar Stratum	28986-U
Purge/Trap H, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT-3	20321
Purge/Trap H, configured for Tekmar 3000, 3100 (Straight, 12 in./30.5 cm, Valco fitting)	24917
Purge/Trap H, configured for OI Analytical Eclipse 4660, 4560	24937
Purge/Trap H, configured for Tekmar Stratum	28987-U
Purge/Trap J BTEXTRAP™, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT-3	21064
Purge/Trap J BTEXTRAP™, configured for Dynatech "Dyna"	21084
Purge/Trap J BTEXTRAP™, configured for OI Analytical 4460	21145
Purge/Trap J BTEXTRAP™, configured for Tekmar 3000, 3100 (Straight, 12 in./30.5 cm, Valco fitting)	24919
Purge/Trap J BTEXTRAP™, configured for OI Analytical Eclipse 4660, 4560	24939
Purge/Trap J BTEXTRAP™, configured for Tekmar Stratum	28997-U
Purge Trap A, CDS, for use with CDS Peakmaster	21148
Purge/Trap K Vocarb® 3000, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT-3	21066-U
Purge/Trap K Vocarb® 3000, configured for Dynatech "Dyna"	21085-U

* Name	Catalog Number
Purge/Trap K Vocarb® 3000, configured for OI Analytical 4460	21131-U
Purge/Trap K Vocarb® 3000, configured for Tekmar 3000, 3100 (Straight, 12 in./30.5 cm, Valco fitting)	24920-U
Purge/Trap K Vocarb® 3000, configured for OI Analytical Eclipse 4660, 4560	24940-U
Purge/Trap K Vocarb® 3000, for use with Encon	20080-U
Purge/Trap K Vocarb® 3000, configured for Tekmar Stratum	28994-U
Purge/Trap I Vocarb® 4000, configured for Tekmar Velocity XPT, LSC-1, LSC-2, LSC-2000, 4000 (Straight, 12 in./30.5 cm, Swagelok fitting), HT-3	20308
Purge/Trap I Vocarb® 4000, configured for OI Analytical 4460	21143
Purge/Trap I Vocarb® 4000, configured for Tekmar 3000, 3100 (Straight, 12 in./30.5 cm, Valco fitting)	24918
Purge/Trap I Vocarb® 4000, configured for OI Analytical Eclipse 4660, 4560	24938
Purge/Trap I Vocarb® 4000, configured for Tekmar Stratum	28996-U
Vocarb® 3000 Purge Trap K, CDS, for use with CDS Peakmaster	21159
Vocarb® 4000 Purge Trap I, CDS, for use with CDS Peakmaster	21156

Solid Phase Extraction (SPE)

* Name	Catalog Number
10% AgNO ₃ Coated Silica Gel, pkg of 100 g bulk packing	21319-U
Cartridge Adapter for H300 Cartridges, pkg of 6 ea	57267
Clear Seal Top Flask Adapter, neck size 24 mm, pk of 3	21002-U
Collection Flask, round bottom, volume 250 mL, pk of 3	21269-U
Collection Flask/Beaker, flat bottom, volume 300 mL, pk of 3	21266-U
Collection Tube, I.D. x L 25 mm x 250 mm, borosilicate glass	57175
Control Knobs For Visidry™ Drying Attachment	57095
Dioxin Sample Preparation Kit	28423-U
Dioxin Vacuum Manifold	28403-U
Discovery® Ag-Ion SPE Tube, bed wt. 750 mg, volume 6 mL, pk of 30	54225-U
Discovery® Ag-Ion SPE Tube, polypropylene hardware (Rezorian Cartridge), bed wt. 750 mg, volume 1 mL, pk of 10	54226-U
Discovery® DPA-6S SPE Bulk Packing, pkg of 50 g	52633-U
Discovery® DPA-6S SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52624-U
Discovery® DPA-6S SPE Tube, bed wt. 250 mg, volume 3 mL, pk of 54	52625-U
Discovery® DPA-6S SPE Tube, bed wt. 250 mg, volume 6 mL, pk of 30	52626-U
Discovery® DPA-6S SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52627-U
Discovery® DPA-6S SPE Tube, bed wt. 1 g, volume 12 mL, pk of 20	52629-U
Discovery® DPA-6S SPE Tube, bed wt. 2 g, volume 20 mL, pk of 20	52631-U
Discovery® DPA-6S SPE Tube, bed wt. 5 g, volume 60 mL, pk of 16	52632-U
Discovery® DSC-18Lt Bulk Packing, pkg of 100 g	52623-U
Discovery® DSC-18Lt SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52610-U
Discovery® DSC-18Lt SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52611-U
Discovery® DSC-18Lt SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	52613-U

3: Analytical Applications & Standards

Sample Preparation

Solid Phase Extraction (SPE)

* Name	Catalog Number
Discovery® DSC-18Lt SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52615-U
Discovery® DSC-18Lt SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52616-U
Discovery® DSC-18Lt SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	52618-U
Discovery® DSC-18Lt SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	52621-U
Discovery® DSC-18Lt SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	52622-U
Discovery® DSC-18 SPE Bulk Packing, pkg of 100 g	52600-U
Discovery® DSC-18 SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52601-U
Discovery® DSC-18 SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52602-U
Discovery® DSC-18 SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	52603-U
Discovery® DSC-18 SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52604-U
Discovery® DSC-18 SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52606-U
Discovery® DSC-18 SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	52607-U
Discovery® DSC-18 SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	52608-U
Discovery® DSC-18 SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	52609-U
Discovery® DSC-18 SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 1000	52599-U
Discovery® DSC-18 SPE 96-well Plate, bed wt. 100 mg/well, pk of 1	575603-U
Discovery® DSC-18 SPE 96-well Plate, bed wt. 25 mg/well, pk of 1	575601-U
Discovery® DSC-8 SPE Bulk Packing, pkg of 100 g	57223-U
Discovery® DSC-8 SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52703-U
Discovery® DSC-8 SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52707-U
Discovery® DSC-8 SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	52713-U
Discovery® DSC-8 SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52714-U
Discovery® DSC-8 SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52716-U
Discovery® DSC-8 SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	52717-U
Discovery® DSC-8 SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	52718-U
Discovery® DSC-8 SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	52722-U
Discovery® DSC-CN SPE Bulk Packing, pkg of 100 g	57222-U
Discovery® DSC-CN SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52693-U
Discovery® DSC-CN SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52694-U
Discovery® DSC-CN SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	52695-U
Discovery® DSC-CN SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52696-U
Discovery® DSC-CN SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52697-U
Discovery® DSC-CN SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	52698-U
Discovery® DSC-CN SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	52699-U
Discovery® DSC-CN SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	52700-U
Discovery® DSC-Diol SPE Bulk Packing, pkg of 100 g	57229-U
Discovery® DSC-Diol SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52747-U

* Name	Catalog Number
Discovery® DSC-Diol SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52748-U
Discovery® DSC-Diol SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	52751-U
Discovery® DSC-Diol SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52752-U
Discovery® DSC-Diol SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52753-U
Discovery® DSC-Diol SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	52571-U
Discovery® DSC-Diol SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	52572-U
Discovery® DSC-MCAX SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52781-U
Discovery® DSC-MCAX SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52782-U
Discovery® DSC-MCAX SPE Tube, bed wt. 100 mg, volume 3 mL, pk of 54	52783-U
Discovery® DSC-MCAX SPE Tube, bed wt. 300 mg, volume 3 mL, pk of 54	52784-U
Discovery® DSC-MCAX SPE Tube, bed wt. 300 mg, volume 6 mL, pk of 30	52786-U
Discovery® DSC-MCAX SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52788-U
Discovery® DSC-NH ₂ SPE Bulk Packing, pkg of 100 g	57212-U
Discovery® DSC-NH ₂ SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52635-U
Discovery® DSC-NH ₂ SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52636-U
Discovery® DSC-NH ₂ SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	52637-U
Discovery® DSC-NH ₂ SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52638-U
Discovery® DSC-NH ₂ SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52640-U
Discovery® DSC-NH ₂ SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	52641-U
Discovery® DSC-NH ₂ SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	52642-U
Discovery® DSC-NH ₂ SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	52644-U
Discovery® DSC-NH ₂ SPE 96-well Plate, bed wt. 100 mg/well, pk of 1	575615-U
Discovery® DSC-Ph SPE Bulk Packing, pkg of 100 g	57227-U
Discovery® DSC-Ph SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52723-U
Discovery® DSC-Ph SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52725-U
Discovery® DSC-Ph SPE Tube, bed wt. 500 mg, volume 3 mL, pkg of 54 ea	52727-U
Discovery® DSC-Ph SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52728-U
Discovery® DSC-Ph SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52731-U
Discovery® DSC-SAX SPE Bulk Packing, pkg of 100 g	57214-U
Discovery® DSC-SAX SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52661-U
Discovery® DSC-SAX SPE Tube, bed wt. 100 mg, volume 1 mL, pkg of 108 ea	52662-U
Discovery® DSC-SAX SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	52664-U
Discovery® DSC-SAX SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52665-U
Discovery® DSC-SAX SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52666-U
Discovery® DSC-SAX SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	52667-U
Discovery® DSC-SAX SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	52668-U

Sample Preparation
Solid Phase Extraction (SPE)

* Name	Catalog Number
Discovery® DSC-SAX SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	52669-U
Discovery® DSC-SCX SPE Bulk Packing, pkg of 100 g	57221-U
Discovery® DSC-SCX SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52684-U
Discovery® DSC-SCX SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52685-U
Discovery® DSC-SCX SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	52686-U
Discovery® DSC-SCX SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52688-U
Discovery® DSC-SCX SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52689-U
Discovery® DSC-SCX SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	52690-U
Discovery® DSC-SCX SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	52691-U
Discovery® DSC-SCX SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	52692-U
Discovery® DSC-SCX SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 1000	57168-U
Discovery® DSC-Si SPE Bulk Packing, pkg of 100 g	52651-U
Discovery® DSC-Si SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52652-U
Discovery® DSC-Si SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52653-U
Discovery® DSC-Si SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	52654-U
Discovery® DSC-Si SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52655-U
Discovery® DSC-Si SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52656-U
Discovery® DSC-Si SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	52657-U
Discovery® DSC-Si SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	52658-U
Discovery® DSC-Si SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	52659-U
Discovery® DSC-Si SPE Tube, bed wt. 20 g, volume 60 mL, pk of 16	1771-U
Discovery® DSC-Si SPE 96-well Plate, bed wt. 50 mg/well, pk of 1	575608-U
Discovery® DSC-WCX SPE Bulk Packing, pkg of 100 g	57228-U
Discovery® DSC-WCX SPE Tube, bed wt. 50 mg, volume 1 mL, pk of 108	52737-U
Discovery® DSC-WCX SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	52739-U
Discovery® DSC-WCX SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	52741-U
Discovery® DSC-WCX SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52742-U
Discovery® DSC-WCX SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	52743-U
Discovery® DSC-WCX SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	52744-U
Discovery® DSC-WCX SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	52745-U
Discovery® DSC-WCX SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	52746-U
Discovery® Glycan SPE Bulk Packing, pkg of 50 g	55508-U
Discovery® Glycan SPE Tube, bed wt. 50 mg, volume size 1 mL, pk of 108	55465-U
Discovery® Glycan SPE Tube, bed wt. 250 mg, volume 3 mL, pk of 54	55467-U
Discovery® Glycan SPE Tube, bed wt. 250 mg, volume 6 mL, pk of 30	55473-U
Discovery® Glycan SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	55482-U
Discovery® Glycan SPE Tube, bed wt. 1 g, volume 12 mL, pk of 20	55487-U

* Name	Catalog Number
Discovery® Glycan SPE Tube, bed wt. 2 g, volume 20 mL, pk of 20	55492-U
Discovery® Glycan SPE Tube, 5 g, volume 60 mL, pk of 16	55505-U
Disposable Liners for Visiprep DL Manifolds (included with 57044 and 57265), PTFE, pk of 100	57059
Disposable Reservoir / Waste Tray, configured for collecting eluate waste during PlatePrep SPE processing, PVC, pk of 25	575654-U
Dual-Layer Carbon Reversible Tube	21239-U
Dual-Layer Carbon Reversible Tube (Micro-Column), for use with Dioxin Sample Preparation Kit, O.D. 6.35-10 mm	28399-U
Empty Dioxin column, pkg of 5 ea	21222-U
Empty Dioxin Column, pk of 5, I.D. x L 6.35-10 mm x 20 cm, to be used with 6.35/10mm Reducing Union (Cat. No. 28398-U)	28409-U
Empty Dioxin Column, O.D. x L 6.35 mm x 35 cm	28404-U
Empty Glass Micro-Column (Reversible Tube), for use with Dioxin Sample Preparation Kit, O.D. 6.35-10 mm, pkg of 10	28309-U
Empty glass SPE Tube with PTFE frits, 20 µm porosity, volume 6 mL, pk of 24	504394
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 1 mL, pk of 108	57023
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 1 mL, pre-fritted, pk of 100	54220-U
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 3 mL, pk of 54	57024
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 3 mL, pre-fritted, pk of 100	54221-U
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 6 mL, pk of 30	57026
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 6 mL, pre-fritted, pk of 100	54222-U
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 12 mL, pk of 20	57176
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 12 mL, pre-fritted, pk of 100	54223-U
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 20 mL, pk of 20	57177
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 20 mL, pre-fritted, pk of 20	57118-U
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 60 mL, pk of 16	57178
Empty polypropylene SPE Tube with PE frits, 20 µm porosity, volume 60 mL, pre-fritted, pk of 16	57119-U
Empty Reversible SPE Tube, non-fluorous polypropylene, volume 0.5 mL, PE frit included, pk of 50	57602-U
Empty Reversible SPE Tube, non-fluorous polypropylene, volume 1 mL, PE frit included, pk of 50	57607-U
Empty Reversible SPE Tube, non-fluorous polypropylene, volume 2 mL, PE frit included, pk of 50	57608-U
Empty Rezorian™ Tube Kit with PE frits, volume 1 mL, luer plugs and caps included, pk of 50	57609-U
Empty Rezorian™ Tube Kit with PE frits, volume 5 mL, luer caps and plugs included, pk of 50	57613-U
Empty SPE Tube (no frits), volume 1 mL, pk of 108	57240-U
Empty SPE Tube (no frits), volume 3 mL, pk of 54	57241
Empty SPE Tube (no frits), volume 6 mL, pkg of 30 ea	57242
Empty SPE Tube (no frits), volume 12 mL, pk of 20	57179
Empty SPE Tube (no frits), volume 20 mL, pk of 12	57021
Empty SPE Tube (no frits), volume 60 mL, pk of 12	57022
ENVI-Disk™ Holder, for use with 47 mm ENVI-Disk disks	57173
ENVI-Disk™ Holder Manifold, Process up to 6x 1L samples simultaneously	57174
ENVI-Disk™ 47 mm Filter Clamp and Stage	57260-U
ENVI-Disk™ 47 mm replacement stage	57261

3: Analytical Applications & Standards

Sample Preparation

Solid Phase Extraction (SPE)

* Name	Catalog Number
ENVI™-8 DSK SPE Disk, diam. 47 mm, pk of 24	57172
ENVI™-18 DSK SPE Disk, diam. 90 mm, pk of 12	57170-U
ENVI™-18 DSK SPE Disk, diam. 47 mm, pk of 24	57171
Female Luer Cap, polypropylene, configured for capping luer tips, pkg of 12 ea	57098
Ferrules/Nuts for Visiprep™ Large Volume Sampler, color-coded, pk of 4	57277
Glass SPE Tube w/Frits, for use with Supelclean Sulfoxide Glass SPE Tube (55252-U), I.D. × O.D. 15.6 mm × 190 mm, pk of 5	55255-U
22% H ₂ SO ₄ Coated Silica Gel, pkg of 100 g bulk packing	21341-U
44% H ₂ SO ₄ Coated Silica Gel, pkg of 100 g bulk packing	21334-U
HybridSPE®-Phospholipid, 96-well Plate, bed wt. 15 mg, volume 0.8 mL, pk of 1	52794-U
HybridSPE®-Phospholipid, 96-well Plate, bed wt. 15 mg, volume 0.8 mL, pk of 20	52798-U
HybridSPE®-Phospholipid, Cartridge, bed wt. 30 mg, volume 1 mL, pk of 100	55261-U
HybridSPE®-Phospholipid, Cartridge, bed wt. 30 mg, volume 1 mL, pk of 200, polypropylene material (hardware), PE frit (20 µm)	55276-U
HybridSPE®-Phospholipid, 96-well Plate, bed wt. 50 mg, volume 2 mL, pk of 1	575656-U
HybridSPE®-Phospholipid, 96-well Plate, bed wt. 50 mg, volume 2 mL, pk of 20	575657-U
HybridSPE®-Phospholipid, Cartridge, bed wt. 500 mg, volume 6 mL, pk of 30	55267-U
HybridSPE®-Phospholipid Ultra, cartridge, bed wt. 30 mg, volume 1 mL, pk of 100	55269-U
HybridSPE®-Phospholipid 96-Well Essentials Kit, 96-Well Essentials Kit	52813-U
HybridSPE®-PLUS 96-Well Plate, bed wt. 50 mg, volume 2 mL, pk of 1 ea	575659-U
HybridSPE®-PLUS 96-Well Plate, bed wt. 50 mg, volume 2 mL, pk of 20 ea	575673-U
HybridSPE®-PLUS 96-Well Plate Essentials Kit, 96-Well Essentials Kit, pk of 1	52818-U
2% KOH Coated Silica Gel, pkg of 100 g bulk packing	21318-U
Large Volume SPE Reservoir, polypropylene body, for use with 6 mL polypropylene SPE tubes, volume 25 mL, pk of 30	54258-U
Large Volume SPE Reservoir, PTFE body, for use with 6 mL polypropylene SPE tubes, volume 25 mL, pk of 3	54259-U
Long Stem Flow Control Valves, pk of 6	57048
Long Stem Stopcock, I.D. 10 mm, pk of 3	28425-U
Male Luer Plug, configured for plugging luer holes, pkg of 12 ea	504351
Micro Connector, for connecting 13mm to 13mm threaded joint	64699-U
50 mL QuEChERS Extraction Tube Shaker Rack, 50 mL QuEChERS Extraction Tube Shaker Rack	55279-U
Multi-Layer Silica Gel Dioxin Column, for use with Dioxin Sample Preparation Kit, O.D. × L 6.35 mm × 35 cm	28397-U
Multi-Layer Silica Gel SPE Tube, configured for US EPA Method 8290, PTFE frit, glass hardware, volume 6 mL, pk of 30	52732-U
pk20 Envicarb/LC-NH ₂ /Si SPE Tubes 20mL, bed A 500 mg (Carbopack B 120/400), bed B 400 mg (Supelclean LC-NH ₂), bed C 600 mg (Supelclean LC-Si), volume 20 mL, pkg of 20 ea	54036-U
pk20 Envicarb/NH ₂ /Si SPE Tubes 12mL, bed B 400 mg (Supelclean LC-NH ₂), bed C 600 mg (Supelclean LC-Si), bed A 500 mg (Carbopack B 120/400), volume 12 mL, pk of 20	54034-U
PlatePrep 96-well Vacuum Manifold, Starter kit	575650-U
PlatePrep 96-well Vacuum Manifold, Manifold only	57192-U
Polyethylene (PE) Frit, 20 µm porosity, for use with 1mL SPE Tube, pk of 216	57244

* Name	Catalog Number
Polyethylene (PE) Frit, 20 µm porosity, for use with 3mL SPE Tube, pk of 108	57180-U
Polyethylene (PE) Frit, 20 µm porosity, for use with 6mL SPE Tube, pk of 60	57181
Polyethylene (PE) Frit, 20 µm porosity, for use with 12mL SPE Tube, pk of 40	57182-U
Polyethylene (PE) Frit, 20 µm porosity, for use with 20mL SPE Tube, pk of 40	57183
Polyethylene (PE) Frit, 20 µm porosity, for use with 60mL SPE Tube, pk of 32	57184
24 mm/24 mm Polypropylene Viton® Connector, pk of 6	28432-U
Pre-Activated Florisil®, ampulized, 1 g, for use with Dioxin Sample Preparation Kit, 60-100 mesh particle size, pk of 10	48924-U
Preppy™ 12-Port Vacuum Manifold	57160-U
Preppy™ Vacuum Manifold Collection Rack, for use with 2 mL (12 mm OD x 32 mm H) or 4 mL (15 mm OD x 45 mm H) vials	57159-U
Preppy™ Vacuum Manifold Collection Rack, for use with 15 mL (21 mm OD x 70 mm H) or 20 mL (28 mm OD x 61 mm H) vials.	57162-U
Preppy™ Vacuum Manifold Replacement Cover, polypropylene, includes solvent needle guides	57158-U
PTFE Frit, 20 µm porosity, for use with 1mL SPE tubes, pk of 216	57185
PTFE Frit, 20 µm porosity, for use with 3mL SPE tubes, pk of 108	57186
PTFE Frit, 20 µm porosity, for use with 6mL SPE tubes, pk of 60	57187
PTFE Frit, 20 µm porosity, for use with 6mL glass SPE tubes, pk of 60	504327
PTFE Frit, 20 µm porosity, for use with 12mL SPE tubes, pk of 40	57188
PTFE Frit, 20 µm porosity, for use with 60mL SPE tubes, pk of 32	57190-U
1/8" PTFE tubes, Color Coded, for use with Supelco Visiprep Large Volume Sampler, pk of 4	57276
QuEChERS Shaker and Rack Starter Kit, AC input 230 V, Schuko plug	55438-U
QuEChERS Shaker and Rack Starter Kit, AC input 115 V (USA Compatible Plug)	55278-U
Replacement Gaskets, Connectors and Tubing, for use with Supelco Plateprep Vacuum Manifold	57195-U
Retaining Clips For Visiprep™ SPE Manifold Collection Racks, included with standard and DL, 12- and 24-port models, pk of 12	57041
96 Round Well Pierceable Cap Mats, for use with HybridSPE-PLUS 96-well plates, pk of 50 ×	575680-U
Short Stem Stop Cock, I.D. 10 mm, pk of 3	28402-U
12mL Si/1G-44%H ₂ SO ₄ /Si SPE Tube	57145-U
12mL Si-5G-44%H ₂ SO ₄ /Si SPE Tube	57148-U
SPE 96-Deep Square Well Collection Plate, well volume 0.35 mL, polypropylene, pk of 50	575651-U
SPE 96-Deep Square Well Collection Plate, well volume 1 mL, polypropylene, pk of 50	575652-U
SPE 96-Deep Square Well Collection Plate, well volume 2 mL, polypropylene, pk of 50	575653-U
SPE Frit Insertion Tool, for use with 1 mL SPE tubes	55217-U
SPE Frit Insertion Tool, for use with 3 mL SPE tubes	55218-U
SPE Frit Insertion Tool, for use with 6 mL PP SPE tubes	55219-U
SPE Frit Insertion Tool, for use with 12 mL SPE tubes	55221-U
SPE Frit Insertion Tool, for use with 20 and 60 mL SPE tubes	55224-U
SPE Frit Insertion Tool, includes 1, 3, 6, 12, and 20/60 mL SPE frit insertion tools	55226-U
SPE Manifold Gauge/Bleed Valve, for use with Visiprep 12-port and 24-port models	57035-U
SPE Manifold Gauge/Bleed Valve, Remote In-Line Design	57161-U

Sample Preparation
Solid Phase Extraction (SPE)

* Name	Catalog Number
SPE Tube Adapter, for use with 1, 3, & 6 mL tubes, pk of 12	57020-U
SPE Tube Adapter, configured for AutoTrace Automated Systems, for use with 3mL tubes, pk of 6	57123
SPE Tube Adapter, configured for AutoTrace Automated Systems, for use with 6mL tubes, pk of 6	57126
SPE Tube Adapter, PTFE (with female luer port), for use with 6 mL glass SPE tubes, pk of 24	504335
SPE Tube Cap (encloses top of SPE tubes), PTFE solid, for use with 6mL glass SPE tube, pk of 24	504343
SPE Tube Cap (encloses top of SPE tubes), for use with 1mL SPE tube, pk of 108	52171-U
SPE Tube Cap (encloses top of SPE tubes), for use with 3mL SPE tube, pk of 30	52172-U
SPE Tube Cap (encloses top of SPE tubes), for use with 6mL SPE tube, pk of 30	52173-U
SPE Tube Cap (encloses top of SPE tubes), for use with 12mL SPE tube, pk of 20	52174-U
SPE Tube Cap (encloses top of SPE tubes), for use with 20mL SPE tube, pk of 20	52175-U
SPE Tube Cap (encloses top of SPE tubes), for use with 60mL SPE tube, pk of 20	52176-U
SPE Vacuum Pump Trap Kit	57120-U
96 Square Well Pierceable Cap Mats, configured for sealing Discovery SPE and square well collection plates, pk of 50	575655-U
Stainless Steel Frit, 20 µm porosity, for use with 6mL polypropylene SPE tubes, pk of 60	57246-U
Stainless Steel Weights For Visiprep™ Large Volume Sampler, weight fitting for tubing 1/8 in. O.D., pk of 4	57278
Stopcock for multi-layer dioxin tube	21268-U
Stopcock with long stem, pkg of 3 ea	21242-U
Supelclean™ Coconut Charcoal SPE Tube, bed wt. 2 g, volume 6 mL, pk of 30	57144-U
Supelclean™ ENVI-Carb™ C SPE Tube, bed wt. 1 g, volume 12 mL, pk of 20	57149
Supelclean™ ENVI-Carb/DSC-SAX SPE Tube, bed A 250 mg (Supelclean ENVI-Carb SPE), bed B 500 mg (Discovery DSC-SAX SPE), volume 6 mL, pk of 30	54088-U
Supelclean™ ENVI-Carb™ II/PSA SPE Tube, bed B 600 mg (Supelclean™ PSA SPE), bed A 300 mg (Supelclean™ ENVI-Carb-II SPE), volume 6 mL, pk of 30	54058-U
Supelclean™ ENVI-Carb™ II/PSA SPE Tube, bed A 500 mg (Supelclean™ ENVI-Carb-II SPE), bed B 500 mg (Supelclean™ PSA SPE), volume 6 mL, pk of 30	54067-U
Supelclean™ ENVI-Carb™ II/PSA SPE Tube, bed A 500 mg (Supelclean™ ENVI-Carb-II SPE), bed B 300 mg (Supelclean™ PSA SPE), volume 6 mL, pk of 30	55119-U
Supelclean™ ENVI-Carb™ II/PSA SPE Tube, bed B 500 mg (Supelclean™ PSA SPE), bed A 500 mg (Supelclean™ ENVI-Carb-II SPE), volume 20 mL, pk of 20	54217-U
Supelclean™ ENVI-Carb™ II/PSA SPE Tube, bed A 500 mg (Supelclean™ ENVI-Carb-II SPE), bed B 500 mg (Supelclean™ PSA SPE), volume 6 mL, pk of 300	54103-U
Supelclean™ ENVI-Carb™-II/SAX/PSA SPE Tube, bed C 500 mg (Supelclean™ PSA SPE), bed A 500 mg (Supelclean™ ENVI-Carb-II SPE), bed B 500 mg (Supelclean™ LC-SAX SPE), volume 12 mL, pk of 20	52574-U
Supelclean™ ENVI-Carb/NH ₂ SPE Tube, bed A 500 mg (Supelclean ENVI-Carb), bed B 500 mg (Supelclean LC-NH ₂), volume 3 mL, pk of 20	54332-U
Supelclean™ ENVI-Carb/NH ₂ SPE Tube, bed B 500 mg (Supelclean LC-NH ₂), bed A 500 mg (Supelclean ENVI-Carb), volume 6 mL, pk of 30	54035-U
Supelclean™ ENVI-Carb/NH ₂ SPE Tube, bed A 500 mg (Supelclean ENVI-Carb), bed B 500 mg (Supelclean LC-NH ₂), volume 20 mL, pk of 20	54216-U

* Name	Catalog Number
Supelclean™ ENVI-Carb/NH ₂ SPE Tube, bed A 500 mg (Supelclean ENVI-Carb), bed B 500 mg (Supelclean LC-NH ₂), volume 6 mL, pkg of 300 ea	54024-U
Supelclean™ ENVI-Carb/NH ₂ SPE Tube, bed B 500 mg (Supelclean LC-NH ₂), bed A 500 mg (Supelclean ENVI-Carb), volume 20 mL, pk of 200	54096-U
Supelclean™ ENVI-Carb/NH ₂ SPE Tube, bed A 1000 mg (Supelclean ENVI-Carb), bed B 500 mg (Supelclean LC-NH ₂), volume 6 mL, pk of 30	54117-U
Supelclean™ ENVI-Carb/NH ₂ SPE Tube, bed A 1000 mg (Supelclean ENVI-Carb), bed B 500 mg (Supelclean NH ₂), volume 12 mL, pk of 20	54118-U
Supelclean™ ENVI-Carb/NH ₂ SPE Tube, bed A 200 mg (Supelclean ENVI-Carb), bed B 200 mg (Supelclean LC-NH ₂), volume 6 mL, pk of 30	54104-U
Supelclean™ ENVI-Carb™ Plus SPE Tube, Reversible Tube, bed wt. 400 mg, volume 1 mL, pk of 30	54812-U
Supelclean™ ENVI-Carb™ SPE Bulk Packing, pkg of 50 g	57210-U
Supelclean™ ENVI-Carb™ SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	57109-U
Supelclean™ ENVI-Carb™ SPE Tube, bed wt. 250 mg, volume 3 mL, pk of 54	57088
Supelclean™ ENVI-Carb™ SPE Tube, bed wt. 250 mg, volume 6 mL, pk of 30	57092
Supelclean™ ENVI-Carb™ SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	57094
Supelclean™ ENVI-Carb™ SPE Tube, bed wt. 1 g, volume 12 mL, pk of 20	57127-U
Supelclean™ ENVI-Carb™ SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	57128
Supelclean™ ENVI-Carb™ SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	57129
Supelclean™ ENVI-Carb™ SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	57130
Supelclean™ ENVI-Chrom P SPE Bulk Packing, pkg of 50 g	57217
Supelclean™ ENVI™-Chrom P SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	57143
Supelclean™ ENVI™-Chrom P SPE Tube, bed wt. 250 mg, volume 3 mL, pk of 54	57224
Supelclean™ ENVI™-Chrom P SPE Tube, bed wt. 250 mg, volume 6 mL, pk of 30	57225-U
Supelclean™ ENVI™-Chrom P SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	57226
Supelclean™ ENVI™-Chrom P SPE Tube, volume 6 mL, bed wt. 500 mg, for use with Gerstel® MPS 3, pk of 30	57239-U
Supelclean™ ENVI-Florisil® SPE Tubes, PTFE frit, bed wt. 500 mg, volume 3 mL, pk of 54	57058
Supelclean™ ENVI-Florisil® SPE Tubes, stainless steel frit, bed wt. 500 mg, volume 6 mL, pk of 30	57046
Supelclean™ ENVI-Florisil® SPE Tubes, stainless steel frit, bed wt. 1 g, volume 6 mL, pk of 30	57053
Supelclean™ ENVI-Florisil® SPE Tubes, glass hardware, PTFE frit, bed wt. 1 g, volume 6 mL, pk of 30	54095-U
Supelclean™ EZ-POP NP, volume 12 mL, pkg of 20	54341-U
Supelclean™ Florisil®/Na ₂ SO ₄ SPE Tube, glass hardware, PTFE frit, bed B 2 g (Na ₂ SO ₄), bed A 2 g (Florisil®), volume 6 mL, pk of 48	52582-U
Supelclean™ Florisil®/Na ₂ SO ₄ SPE Tube, polypropylene hardware, PE frit, bed A 2 g (Florisil®), bed B 2 g (Na ₂ SO ₄), volume 6 mL, pk of 48	54116-U
Supelclean™ Florisil®/Si SPE Tube, bed B 2 g (Supelclean LC-Si), bed A 2 g (Supelclean LC-Florisil®), volume 12 mL, pk of 20	57154-U
Supelclean™ Hisep™ SPE Tube, bed wt. 500 mg, volume 3 mL	57076-U
Supelclean™ LC-18 SPE Bulk Packing, pkg of 100 g	57202
Supelclean™ LC-18 SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	504270
Supelclean™ LC-18 SPE Tube, bed wt. 500 mg, volume 3 mL, pkg of 54 ea	57012

3: Analytical Applications & Standards

Sample Preparation

Solid Phase Extraction (SPE)

* Name	Catalog Number
Supelclean™ LC-18 SPE Tube, bed wt. 500 mg, volume 6 mL, pkg of 30 ea	57054
Supelclean™ LC-18 SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	505471
Supelclean™ LC-18 SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	57117
Supelclean™ LC-18 SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	57135-U
Supelclean™ LC-18 SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	57136
Supelclean™ LC-4 SPE Tube, Wide Pore, bed wt. 500 mg, volume 3 mL, pk of 54	57089
Supelclean™ LC-8 SPE Bulk Packing, pkg of 100 g	57201
Supelclean™ LC-8 SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	504157
Supelclean™ LC-8 SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	505145
Supelclean™ LC-8 SPE Tube, bed wt. 500 mg, volume 6 mL, pkg of 30 ea	57052
Supelclean™ LC-Alumina SPE Bulk Packing, pkg of 100 g	57208
Supelclean™ LC-Alumina A SPE Bulk Packing, pkg of 100 g	57206
Supelclean™ LC-Alumina-B SPE Bulk Packing, pkg of 100 g	57207
Supelclean™ LC-Alumina-A SPE Tube, bed wt. 1 g, volume 3 mL, pk of 54	57082-U
Supelclean™ LC-Alumina-A SPE Tube, bed wt. 2 g, volume 6 mL, pk of 30	57083-U
Supelclean™ LC-Alumina-B SPE Tube, bed wt. 1 g, volume 3 mL, pkg of 54 ea	57084
Supelclean™ LC-Alumina-B SPE Tube, bed wt. 2 g, volume 6 mL, pk of 30	57085
Supelclean™ LC-Alumina-N SPE Tube, bed wt. 1 g, volume 3 mL, pkg of 54 ea	57086
Supelclean™ LC-Alumina-N SPE Tube, bed wt. 2 g, volume 6 mL, pk of 30	57087
Supelclean™ LC-CN SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	504386
Supelclean™ LC-CN SPE Tube, bed wt. 500 mg, volume 3 mL, pkg of 54 ea	57013
Supelclean™ LC-CN SPE Tube, bed wt. 500 mg, volume 6 mL, pkg of 30 ea	57056
Supelclean™ LC-CN SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	57141
Supelclean™ LC-Diol SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	504718
Supelclean™ LC-Diol SPE Tube, bed wt. 500 mg, volume 3 mL, pkg of 54 ea	57016
Supelclean™ LC-Florisil® SPE Bulk Packing, pkg of 100 g	57209
Supelclean™ LC-Florisil® SPE Tube, bed wt. 1 g, volume 6 mL, pkg of 30 ea	57057
Supelclean™ LC-Florisil® SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	57115
Supelclean™ LC-Florisil® SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	57131
Supelclean™ LC-Florisil® SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	57132
Supelclean™ LC-Florisil® SPE Tube, glass hardware, PTFE frit, bed wt. 500 mg, volume 6 mL, pk of 30	54333-U
Supelclean™ LC-Florisil® SPE Tube, glass hardware, PTFE frit, bed wt. 1 g, volume 6 mL, pk of 30	54334-U
Supelclean™ LC-Florisil® SPE Tube, bed wt. 1 g, volume 6 mL, pkg of 30 ea (shipped in one polybag)	54005-U
Supelclean™ LC-NH ₂ SPE Bulk Packing, pkg of 100 g	57205
Supelclean™ LC-NH ₂ SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	504483
Supelclean™ LC-NH ₂ SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	57014

* Name	Catalog Number
Supelclean™ LC-NH ₂ SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	54059-U
Supelclean™ LC-Ph SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	504599
Supelclean™ LC-Ph SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	505269
Supelclean™ LC-SAX SPE Bulk Packing, pkg of 100 g	57203
Supelclean™ LC-SAX SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	504815
Supelclean™ LC-SAX SPE Tube, bed wt. 500 mg, volume 3 mL, pkg of 54 ea	57017
Supelclean™ LC-SCX SPE Bulk Packing, pkg of 100 g	57204
Supelclean™ LC-SCX SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	504920
Supelclean™ LC-SCX SPE Tube, bed wt. 500 mg, volume 3 mL, pkg of 54 ea	57018
Supelclean™ LC-Si Bulk Packing, pkg of 100 g	57200
Supelclean™ LC-Si SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	504041
Supelclean™ LC-Si SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	505048
Supelclean™ LC-Si SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	505374
Supelclean™ LC-Si SPE Tube, bed wt. 1 g, volume 6 mL, pkg of 30 ea	57051
Supelclean™ LC-Si SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	57116
Supelclean™ LC-Si SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	57133
Supelclean™ LC-Si SPE Tube, packing 10 g, volume 60 mL, pk of 16	57134
Supelclean™ LC-Si SPE Tube, glass hardware, PTFE frit, bed wt. 1 g, volume 6 mL, pk of 30	54335-U
Supelclean™ LC-Si SPE Tube, glass hardware, PTFE frit, bed wt. 500 mg, volume 6 mL, pk of 30	54046-U
Supelclean™ LC-WCX SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	505595
Supelclean™ LC-WCX SPE Tube, bed wt. 500 mg, volume 3 mL, pkg of 54 ea	57061
Supelclean™ PSA SPE Bulk Packing, pkg of 100 g	52738-U
Supelclean™ PSA SPE Tube, bed wt. 200 mg, volume 3 mL, pk of 54	52578-U
Supelclean™ PSA SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	52579-U
Supelclean™ SAX/PSA SPE Tube, bed A 250 mg (Supelclean™ LC-SAX SPE), bed B 250 mg (Supelclean™ PSA SPE), volume 6 mL, pk of 30	52576-U
Supelclean™ SAX/PSA SPE Tube, bed A 500 mg (Supelclean™ LC-SAX SPE), bed B 500 mg (Supelclean™ PSA SPE), volume 6 mL, pk of 30	52577-U
Supelclean™ SPE Method Development Kit, Kit A	57019
Supelclean™ SPE Method Development Kit, Kit B	57009-U
Supelclean™ SPE Method Development Kit, Kit C	57075-U
Supelclean™ SPE Method Development Kit, Kit NP-3	57074-U
Supelclean™ SPE Method Development Kit, Kit IX-3	57073
Supelclean™ Sulfoxide SPE Bulk Packing, pkg of 100 g	55254-U
Supelclean™ Sulfoxide SPE Tube, glass hardware, PE frit, bed wt. 6 g, volume 20 mL, pk of 5	55252-U
Supelclean™ Sulfoxide SPE Tube, PE frit, bed wt. 3 g, volume 6 mL, pk of 30	55253-U
Supelclean™ ENVI™-18 SPE Bulk Packing, pkg of 100 g	57219
Supelclean™ ENVI™-8 SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	57230-U
Supelclean™ ENVI™-8 SPE Tube, bed wt. 500 mg, volume 3 mL, pk of 54	57231
Supelclean™ ENVI™-8 SPE Tube, bed wt. 500 mg, volume 6 mL, pk of 30	57232
Supelclean™ ENVI™-8 SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	57233

Sample Preparation
Solid Phase Extraction (SPE)

* Name	Catalog Number
Supelclean™ ENVI™-8 SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	57139
Supelclean™ ENVI™-8 SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	57140-U
Supelclean™ ENVI™-8 SPE Tube, glass hardware, PTFE frit, bed wt. 500 mg, volume 3 mL, pk of 27	57106
Supelclean™ ENVI™-8 SPE Tube, glass hardware, PTFE frit, bed wt. 500 mg, volume 6 mL, pk of 20	57107
Supelclean™ ENVI™-18 SPE Tube, bed wt. 100 mg, volume 1 mL, pk of 108	57062
Supelclean™ ENVI™-18 SPE Tube, bed wt. 500 mg, volume 3 mL, pkg of 54 ea	57063
Supelclean™ ENVI™-18 SPE Tube, bed wt. 500 mg, volume 6 mL, pkg of 30 ea	57064
Supelclean™ ENVI™-18 SPE Tube, bed wt. 1 g, volume 6 mL, pk of 30	505706
Supelclean™ ENVI™-18 SPE Tube, bed wt. 2 g, volume 12 mL, pk of 20	57114
Supelclean™ ENVI™-18 SPE Tube, bed wt. 5 g, volume 20 mL, pk of 20	57137
Supelclean™ ENVI™-18 SPE Tube, bed wt. 10 g, volume 60 mL, pk of 16	57138
Supelclean™ ENVI™-18 SPE Tube, glass hardware, PTFE frit, bed wt. 500 mg, volume 6 mL, pk of 30	54331-U
Supel™ Genie C8 Online SPE Cartridges, L x I.D. 20 mm x 4.0 mm, pkg of 2 ea	55512-U
Supel™ Genie C8 Online SPE Cartridges, L x I.D. 20 mm x 4 mm, pkg of 6 ea	55515-U
Supel™ Genie C8 Online SPE Starter Kit, for use with SupelGenie Online SPE Cartridges, holder and 1 cartridge	55274-U
Supel™ Genie HybridSPE® Online SPE Cartridges, L x I.D. 20 mm x 4.0 mm, pkg of 6	55327-U
Supel™ Genie HybridSPE® Online SPE Cartridges, L x I.D. 20 mm x 4.0 mm, pkg of 2	55326-U
Supel™ Genie HybridSPE® Online SPE Starter Kit, for use with Supel™ Genie Online SPE Cartridges, includes holder and 1 cartridge, 1 ea of (holder hardware and cartridge)	55324-U
Supel™ Genie RP-Amide Online SPE Cartridges, L x I.D. 20 mm x 4.0 mm, pkg of 2 ea	55519-U
Supel™ Genie RP-Amide Online SPE Cartridges, L x I.D. 20 mm x 4.0 mm, pkg of 6 ea	55522-U
Supel™ Genie RP-Amide Online Starter Kit, for use with SupelGenie Online SPE Cartridges, holder and 1 cartridge	55516-U
Supel™ QuE, Citrate/Sodium Bicarbonate Tube, pk of 50	55237-U
Supel™ QuE, Citrate Extraction Tube, pk of 50, suitable for EN 15662:2008 per BS	55227-U
Supel™ QuE, Acetate Tube, pk of 50, suitable for 2007.01 per AOAC	55234-U
Supel™ QuE, PSA Tube, pk of 50, suitable for EN 15662:2008 per BS	55228-U
Supel™ QuE, PSA/C18 Tube, pk of 50, suitable for EN 15662:2008 per BS	55229-U
Supel™ QuE, PSA/ENVI-Carb Tube 1, pk of 50, suitable for EN 15662:2008 per BS	55230-U
Supel™ QuE, PSA/ENVI-Carb Tube 2, pk of 50, suitable for EN 15662:2008 per BS	55233-U
Supel™ QuE, Empty Centrifuge Tube with Lid, centrifuge tube volume 50 mL, pk of 50, suitable for EN 15662:2008 per BS	55248-U
Supel™ QuE, PSA Tube, pk of 50, suitable for 2007.01 per AOAC	55282-U
Supel™ QuE, PSA/C18 Tube, pk of 50, suitable for 2007.01 per AOAC	55283-U
Supel™ QuE, PSA/C18/ENVI-Carb Tube, pk of 50, suitable for 2007.01 per AOAC	55286-U
Supel™ QuE, PSA Tube, pack of 100, suitable for 2007.01 per AOAC	55287-U

* Name	Catalog Number
Supel™ QuE, PSA/C18 Tube, pack of 100, suitable for 2007.01 per AOAC	55288-U
Supel™ QuE, PSA/C18/ENVI-Carb Tube, pack of 100, suitable for 2007.01 per AOAC	55289-U
Supel™ QuE, Z-Sep/C18 Tube, centrifuge tube volume 2 mL, pack of 100	55284-U
Supel™ QuE, Non-Buffered Tube 1, pk of 50	55294-U
Supel™ QuE, Non-Buffered Tube 2, pk of 50	55295-U
Supel™ QuE, Z-Sep+ Tube, centrifuge tube volume 12 mL, pack of 50 ea	55296-U
Supel™ QuE, Z-Sep+ Bulk	55299-U
Supel™ QuE, Z-Sep/C18 Tube, centrifuge tube volume 12 mL, pack of 50 ea	55401-U
Supel™ QuE, Z-Sep Tube, centrifuge tube volume 12 mL, pack of 50 ea	55403-U
Supel™ QuE, Z-Sep+ with MgSO ₄ Tube, centrifuge tube volume 12 mL, pack of 50 ea	55406-U
Supel™ QuE, Z-Sep with MgSO ₄ Tube, centrifuge tube volume 12 mL, pack of 50 ea	55407-U
Supel™ QuE, Z-Sep+ Tube, centrifuge tube volume 2 mL, pack of 100 ea	55408-U
Supel™ QuE, Z-Sep Tube, centrifuge tube volume 2 mL, pack of 100 ea	55411-U
Supel™ QuE, Z-Sep+ with MgSO ₄ Tube, centrifuge tube volume 2 mL, pack of 100 ea	55414-U
Supel™ QuE, Z-Sep with MgSO ₄ Tube, centrifuge tube volume 2 mL, pack of 100 ea	55417-U
Supel™ QuE, Z-Sep Bulk	55418-U
Supel™ QuE	54276-U
Supel™ QuE, PSA Tube, pack of 50 ea, suitable for EN 15662:2008 per BS, centrifuge tube volume 15 mL, Shaker Compatible	55437-U
Supel™ QuE, PSA/C18 Tube (Shaker Compatible), pk of 50, suitable for EN 15662:2008 per BS, centrifuge tube volume 15 mL, Shaker Compatible	55439-U
Supel™ QuE, PSA/ENVI-Carb Tube 1, pk of 50, suitable for EN 15662:2008 per BS, centrifuge tube volume 15 mL, Shaker Compatible	55446-U
Supel™ QuE, PSA/ENVI-Carb Tube 2, pk of 50, suitable for EN 15662:2008 per BS, centrifuge tube volume 15 mL, Shaker Compatible	55464-U
Supel™ QuE, PSA Tube, pk of 50, suitable for 2007.01 per AOAC, centrifuge tube volume 15 mL, Shaker Compatible	55466-U
Supel™ QuE, PSA/C18 Tube, pk of 50, suitable for 2007.01 per AOAC, centrifuge tube volume 15 mL, Shaker Compatible	55470-U
Supel™ QuE, PSA/C18/ENVI-Carb Tube, pk of 50, suitable for 2007.01 per AOAC, centrifuge tube volume 15 mL, Shaker Compatible	55474-U
Supel™ QuE, Z-Sep+ Tube, pk of 50, centrifuge tube volume 15 mL, Shaker Compatible	55486-U
Supel™ QuE, Z-Sep Tube, pk of 50, centrifuge tube volume 15 mL, Shaker Compatible	55491-U
Supel™ QuE, Z-Sep with MgSO ₄ Tube, pk of 50, centrifuge tube volume 15 mL, Shaker Compatible	55503-U
Supel™ QuE, Z-Sep/C18 Tube, pk of 50, centrifuge tube volume 15 mL, Shaker Compatible	55506-U
Supel™ QuE, Z-Sep+ with MgSO ₄ Tube, pk of 50, centrifuge tube volume 15 mL, Shaker Compatible	55511-U
Supel™ QuE, PSA (EN) Cleanup Tube, pack of 100, suitable for EN 15662:2008 per BS	55172-U
Supel™ QuE, PSA/C18 (EN) Cleanup Tube, pack of 100, suitable for EN 15662:2008 per BS	55173-U
Supel™ QuE, PSA/ENVI-Carb™ (EN) Cleanup Tube 1, pack of 100, suitable for EN 15662:2008 per BS	55174-U
Supel™ QuE, PSA/ENVI-Carb™ (EN) Cleanup Tube 2, pack of 100, suitable for EN 15662:2008 per BS	55176-U
Supel™ QuE, Verde Tube, centrifuge tube volume 2 mL, pack of 100 ea	55447-U

3: Analytical Applications & Standards

Sample Preparation

Solid Phase Extraction (SPE)

* Name	Catalog Number
Supel™ QuE Verde, Tube, centrifuge tube volume 15 mL, pack of 50 ea	55442-U
Supel™-Select HLB SPE Tube, bed wt. 30 mg, volume 1 mL, pk of 100	54181-U
Supel™-Select HLB SPE Tube, bed wt. 60 mg, volume 3 mL, pk of 50	54182-U
Supel™-Select HLB SPE Tube, bed wt. 200 mg, volume 6 mL, pk of 30	54183-U
Supel™-Select HLB SPE Tube, bed wt. 500 mg, volume 12 mL, pk of 20	54184-U
Supel™-Select HLB SPE Tube, bed wt. 1 g, volume 20 mL, pk of 20	54186-U
Supel™ - Select HLB SPE 96-well Plate, bed wt. 30 mg/well, pk of 1	575661-U
Supel™ - Select HLB SPE 96-well Plate, bed wt. 60 mg/well, pk of 1	575662-U
Supel™-Select SAX SPE Tube, bed wt. 30 mg, volume 1 mL, pk of 100	54231-U
Supel™-Select SAX SPE Tube, bed wt. 60 mg, volume 3 mL, pk of 50	54233-U
Supel™-Select SAX SPE Tube, bed wt. 200 mg, volume 6 mL, pk of 30	54235-U
Supel™-Select SAX SPE Tube, bed wt. 500 mg, volume 12 mL, pk of 20	54236-U
Supel™-Select SAX SPE Tube, bed wt. 1 g, volume 20 mL, pk of 20	54237-U
Supel™-Select SAX SPE 96-well Plate, bed wt. 30 mg/well, pk of 1	575660-U
Supel™-Select SAX SPE 96-well Plate, bed wt. 60 mg/well, pk of 1	575663-U
Supel™-Select SCX SPE Tube, bed wt. 30 mg, volume 1 mL, pk of 100	54240-U
Supel™-Select SCX SPE Tube, bed wt. 60 mg, volume 3 mL, pk of 50	54241-U
Supel™-Select SCX SPE Tube, bed wt. 200 mg, volume 6 mL, pk of 30	54242-U
Supel™-Select SCX SPE Tube, bed wt. 500 mg, volume 12 mL, pk of 20	54243-U
Supel™-Select SCX SPE Tube, bed wt. 1 g, volume 20 mL, pk of 20	54245-U
Supel™-Select SCX SPE 96-well Plate, bed wt. 30 mg/well, pk of 1	575664-U
Supel™-Select SCX SPE 96-well Plate, bed wt. 60 mg/well, pk of 1	575665-U
Supel™ Sphere Carbon/NH ₂ SPE Tube, volume 6 mL, pk of 30	54283-U
Supel™ Tox AflaZea, volume 6 mL, pk of 30	55314-U
Supel™ Tox DON, volume 6 mL, pk of 30	55316-U
Supel™ Tox FumoniBind, size LRC, pk of 25	55315-U
Supel™ Tox OchrBind, size LRC, pk of 25	55318-U
Supel™ Tox Tricho, volume 6 mL, pk of 30	55308-U
Supel™ Tox TrichoBind, size LRC, pk of 25	55307-U
Syringe Luer Adapter, I.D. 10 mm, pk of 3	28405-U
Top Connector, pkg of 6 ea	21216-U
Top Flask, volume 300 mL, neck size 24 mm, pk of 1	21001-U
Top Flask with Stopcock, volume 250 mL, neck size 24 mm, pk of 1	28449-U
10 mm/10 mm Union, PTFE, pk of 3	28412-U
6.35 mm/6.35 mm Union, PTFE, pk of 3	28411-U
Vacuum adapter	21276-U
Vacuum Adapter, I.D. 10 mm, pk of 1	28408-U
Vacuum manifold	21256-U
Visi-1 Single SPE Tube Processor	57080-U
Visidry™ Drying Attachment, for use with Visiprep 12-port model	57100-U
Visidry™ Drying Attachment, for use with Visiprep 24-port model	57124

* Name	Catalog Number
Visidry™ Long Stem Flow Control Knob, pk of 6	57093
Visidry™ Retaining C-clips, pk of 2	57096
Visiprep™ DL (Disposable Liner) Replacement Liner Guide Needles (included with 57044 and 57265), for use with DL (Disposable Liner), 12- and 24-port models, stainless steel, pk of 12	57027
Visiprep™ Large Volume Sampler, for use with 3 or 6 mL SPE tubes (includes 4 adapters)	57275
Visiprep™ Large Volume Sampler, for use with 12, 20, or 60mL SPE tubes (includes 3 adapters)	57272
Visiprep™ Large Volume Sampler Tube Adapters, 1/4-28 Threads, for use with 3 or 6 mL SPE tubes, pk of 4	57273-U
Visiprep™ Large Volume Sampler Tube Adapters, 1/4-28 Threads, for use with 12, 20, or 60mL SPE tubes, pk of 3	57274-U 67274-U
Visiprep™ Manifold Collection Rack (included with standard and DL models), for use with 12-port model, includes base, 3 support rods, center plate, plate for 10 mm test tubes, 12 retaining clips	57037
Visiprep™ Manifold Collection Rack (included with standard and DL models), for use with 24-port model, includes base, 2 support rods, center plate, plate for 10 mm test tubes, 8 retaining clips	57255
Visiprep™ Manifold Cover (flow control valves and gasket included), for use with standard, 12-port model	57031-U
Visiprep™ Manifold Cover (flow control valves and gasket included), for use with DL (Disposable Liner), 12-port model	57029
Visiprep™ Manifold Cover (flow control valves and gasket included), for use with standard, 24-port model	57251
Visiprep™ Manifold Cover (flow control valves and gasket included), for use with DL (Disposable Liner), 24-port model	57266
Visiprep™ Manifold Flow Control Valve, for use with standard 12- and 24-port models, pk of 2	57032
Visiprep™ Manifold Flow Control Valve, for use with DL (Disposable Liner) 12- and 24-port models, pk of 2	57028
Visiprep™ Manifold Plate (included with standard and DL models unless otherwise noted), for use with 12-port model (standard and DL), 16 mm test tubes	57039
Visiprep™ Manifold Plate (included with standard and DL models unless otherwise noted), for use with 12-port model, 2 mL autosampler vials	57040-U
Visiprep™ Manifold Plate (included with standard and DL models unless otherwise noted), for use with 12-port model, 20 mL scintillation vials, not included with standard and DL models	57043
Visiprep™ Manifold Plate (included with standard and DL models unless otherwise noted), for use with 24-port model, 16 mm test tubes	57257
Visiprep™ Manifold Plate (included with standard and DL models unless otherwise noted), for use with 24-port model, 2 mL autosampler vials	57258
Visiprep™ Manifold Replacement Flow Control Valve Stem, for use with DL (Disposable Liner) 12- and 24-port models, pk of 24	57146-U
Visiprep™ Manifold Replacement Flow Control Valve Stem, for use with standard 12- and 24-port models, pk of 24	57147-U
Visiprep™ Manifold Replacement Gasket, for use with 12-port model (standard and DL), pk of 2	57033
Visiprep™ Manifold Replacement Gasket, for use with 24-port model (standard and DL), pk of 2	57254
Visiprep™ 5-port Flask Vacuum Manifold, DL (Disposable Liner)	57101-U
Visiprep™ 5-port Flask Vacuum Manifold, standard	57103-U
Visiprep™ 5-Port Vacuum Manifold Conversion Kit, for converting 24-port model into DL 5-port flask model, includes DL 5-port lid and flask base plate	57104-U
Visiprep™ 5-Port Vacuum Manifold Conversion Kit, for converting 24-port model into standard 5-port flask model, includes standard 5-port lid and flask base plate	57105-U

Sample Preparation
Solid Phase Extraction (SPE)

* Name	Catalog Number
Visiprep™ SPE Manifold Replacement Solvent Guide Needles, for use with standard, 12- and 24-port models (included with 57030-U & 57250-U)), PTFE, pk of 12	57047
Visiprep™ SPE Manifold Replacement Solvent Guide Needles, for use with standard, 12- and 24-port models (optional use with 57030-U & 57250-U)), stainless steel, pk of 12	57036
Visiprep™ SPE Vacuum Manifold, DL (Disposable Liner), 12-port model	57044
Visiprep™ SPE Vacuum Manifold, DL (Disposable Liner), 24-port model	57265
Visiprep™ SPE Vacuum Manifold, standard, 12-port model	57030-U
Visiprep™ SPE Vacuum Manifold, standard, 24-port model	57250-U
Visiprep™ Manifold Splash Guard (not included with standard and DL models), for use with standard and DL, 12-port model	57045-U
Visiprep SPE Manifold Test Tubes, 10 x 75 mm, pk of 12	57042
Washed Silica Gel, pkg of 250 g bulk packing	21342-U
96-Well Protein Precipitation Filter Plate, pk of 1	55263-U

Solid Phase Micro Extraction (SPME)

* Name	Catalog Number
Diffusive Sampling Fiber Holder for SPME FFA	57584-U
Heater block for 28 mm diameter vials, for use with 28 mm diameter vials	33313-U
IonSense® C18 SPE-it Tips, pkg of 96 ea	57264-U
Replacement Ferrules for SPME/HPLC Interface	57351
REPL ROTOR FOR Valco® MODEL C6W VALVE	57352
SPME-DFH End Cap	57544-U
SPME-DFH Magnetic Plunger (Z-setting)	57540-U
SPME-DFH Manual Desorption Adapter	57541-U
SPME-DFH Sealing Unit	57543-U
SPME FFA Field Sampler	57554-U
SPME FFA-FS Manual Desorption Adapter	57568-U
SPME FFA-FS Needle Protector	57564-U
SPME FFA-FS Needle Septa	57571-U
SPME FFA-FS Needle Septa Kit	57593-U
SPME FFA-FS Plunger Cap	57528-U
SPME FFA-FS Plunger Recovery Tool	57529-U
SPME FFA-FS O-Ring Kit	57574-U
SPME FFA-FS Sampler Body Screw	57565-U
SPME FFA-FS Sealing Mechanism with Plunger Cap	57555-U
SPME FFA Needle Guide	57556-U
SPME FFA PTFE Sealing Cups, size 23ga Beveled (No line)	57557-U
SPME FFA PTFE Sealing Cups, 23ga BLUNT, size 23ga Blunt (1 Line)	57562-U
SPME FFA PTFE Sealing Cups, 24ga BLUNT, size 24ga blunt (2 Lines)	57561-U
SPME FFA Storage Device, for use with SPME FFA	57592-U
SPME Fiber, needle size 24 ga, for use with manual holder	57316-U
SPME fiber assembly, Carbowax-Polyethylene Glycol (PEG) Coating, needle size 23 ga, d _r 60 µm, metal alloy fiber, for use with manual holder	57355-U
SPME fiber assembly, Carbowax-Polyethylene Glycol (PEG) Coating, needle size 23 ga, d _r 60 µm, for use with autosampler	57354-U
SPME fiber assembly, Carbowax-Polyethylene Glycol (PEG) Coating, needle size 23 ga, d _r 60 µm, for use with multi fiber exchanger	FFA57354-U

* Name	Catalog Number
SPME fiber assembly Carboxen/Polydimethylsiloxane (CAR/PDMS), d _r 75 µm, for use with manual holder, needle size 24 ga	57318
SPME fiber assembly Carboxen/Polydimethylsiloxane (CAR/PDMS), d _r 75 µm (partially crosslinked phase, needle size 23 ga, for use with manual holder	57344-U
SPME fiber assembly Carboxen/Polydimethylsiloxane (CAR/PDMS), d _r 75 µm (partially crosslinked, needle size 24 ga, for use with autosampler	57319
SPME fiber assembly Carboxen/Polydimethylsiloxane (CAR/PDMS), d _r 75 µm (partially crosslinked phase, needle size 23 ga, for use with autosampler	57343-U
SPME fiber assembly Carboxen/Polydimethylsiloxane (CAR/PDMS), d _r 85 µm, needle size 24 ga, for use with manual holder, StableFlex fiber	57334-U
SPME fiber assembly Carboxen/Polydimethylsiloxane (CAR/PDMS), d _r 85 µm, needle size 24 ga, StableFlex, for use with autosampler	57335-U
SPME fiber assembly Carboxen/Polydimethylsiloxane (CAR/PDMS), d _r 85 µm, needle size 23 ga, StableFlex, for use with autosampler	57295-U
SPME fiber assembly Carboxen/Polydimethylsiloxane (CAR/PDMS), d _r 85 µm (bonded phase, for use with autosampler, needle size 23 ga, metal alloy fiber	57906-U
SPME fiber assembly Carboxen/Polydimethylsiloxane (CAR/PDMS), d _r 85 µm, needle size 23 ga, Stableflex, for use with multi fiber exchanger	FFA57295-U
SPME fiber assembly Carboxen/Polydimethylsiloxane (CAR/PDMS), d _r 85 µm, for use with multi fiber exchanger, needle size 24 ga, StableFlex	FFA57335-U
SPME fiber assembly Divinylbenzene/Carboxen/Polydimethylsiloxane (DVB/CAR/PDMS), needle size 24 ga, for use with manual holder	57328-U
SPME fiber assembly Divinylbenzene/Carboxen/Polydimethylsiloxane (DVB/CAR/PDMS), needle size 24 ga, StableFlex, for use with manual holder/autosampler	57348-U
SPME fiber assembly Divinylbenzene/Carboxen/Polydimethylsiloxane (DVB/CAR/PDMS), needle size 24 ga, StableFlex, for use with autosampler	57329-U
SPME fiber assembly Divinylbenzene/Carboxen/Polydimethylsiloxane (DVB/CAR/PDMS), needle size 23 ga, StableFlex, for use with manual holder/autosampler, fiber L 2 cm	57299-U
SPME fiber assembly Divinylbenzene/Carboxen/Polydimethylsiloxane (DVB/CAR/PDMS), needle size 23 ga, StableFlex, for use with autosampler	57298-U
SPME fiber assembly Divinylbenzene/Carboxen/Polydimethylsiloxane (DVB/CAR/PDMS), for use with autosampler, needle size 23 ga, metal alloy fiber, fiber L 1 cm	57912-U
SPME fiber assembly Divinylbenzene/Carboxen/Polydimethylsiloxane (DVB/CAR/PDMS), for use with autosampler, needle size 23 ga, metal alloy fiber, fiber L 2 cm	57914-U
SPME fiber assembly Divinylbenzene/Carboxen/Polydimethylsiloxane (DVB/CAR/PDMS), needle size 23 ga, for use with multi fiber exchanger, Stableflex	FFA57298-U
SPME fiber assembly Divinylbenzene/Carboxen/Polydimethylsiloxane (DVB/CAR/PDMS), needle size 24 ga, StableFlex, for use with multi fiber exchanger	FFA57329-U
SPME fiber assembly polyacrylate (PA), d _r 85 µm (partially crosslinked phase, for use with manual holder, needle size 24 ga	57304
SPME fiber assembly polyacrylate (PA), d _r 85 µm (partially crosslinked phase, for use with autosampler, needle size 24 ga	57305
SPME fiber assembly polyacrylate (PA), d _r 85 µm, for use with autosampler, needle size 23 ga	57294-U
SPME fiber assembly polyacrylate (PA), d _r 85 µm, for use with multi fiber exchanger, needle size 23 ga	FFA57294-U
SPME fiber assembly polyacrylate (PA), d _r 85 µm (partially crosslinked phase, for use with multi fiber exchanger, needle size 24 ga	FFA57305

3: Analytical Applications & Standards

Sample Preparation

Solid Phase Micro Extraction (SPME)

* Name	Catalog Number
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r 60 μm (partially crosslinked phase, for use with autosampler/HPLC, needle size 24 ga, StableFlex fiber	57317
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r 65 μm (partially crosslinked phase, needle size 24 ga, for use with manual holder	57310-U
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), fused silica fiber, d _r 65 μm (partially crosslinked phase, for use with manual holder, needle size 23 ga	57346-U
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r 65 μm (partially crosslinked phase, needle size 24 ga, for use with autosampler	57311
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r 65 μm (partially crosslinked phase, for use with autosampler, needle size 23 ga	57345-U
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r 65 μm, needle size 24 ga, StableFlex, for use with manual holder	57326-U
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r 65 μm, needle size 24 ga, StableFlex, for use with autosampler	57327-U
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r coating thickness 65 μm, needle size 23 ga, PDMS/DVB StableFlex, for use with autosampler	57293-U
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r 65 μm (bonded phase, for use with autosampler, needle size 23 ga, metal alloy fiber	57902-U
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r 65 μm, needle size 23 ga, Stableflex, for use with multi fiber exchanger	FFA57293-U
SPME Fiber Assembly Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r 65 μm, for use with multi fiber exchanger, needle size 24 ga, Stableflex	FFA57327-U
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 7 μm (bonded phase, needle size 24 ga, for use with manual holder	57302
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 7 μm (bonded phase, needle size 24 ga, for use with autosampler	57303
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 7 μm (bonded, needle size 23 ga, for use with autosampler	57291-U
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 30 μm (nonbonded, needle size 23 ga, for use with autosampler	57289-U
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 30 μm (nonbonded phase, needle size 24 ga, for use with manual holder	57308
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 30 μm (nonbonded phase, needle size 24 ga, for use with autosampler	57309
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 100 μm (nonbonded phase, needle size 24 ga, for use with manual holder	57300-U
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 100 μm (nonbonded phase, for use with manual holder, needle size 23 ga	57342-U
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 100 μm (nonbonded phase, for use with autosampler, needle size 24 ga	57301
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 100 μm (nonbonded phase, for use with autosampler, needle size 23 ga	57341-U
SPME fiber assembly Polydimethylsiloxane (PDMS), metal alloy fiber, d _r 100 μm (bonded phase, needle size 23 ga, for use with autosampler	57928-U
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 30 μm (nonbonded, needle size 23 ga, for use with multi fiber exchanger	FFA57289-U
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 7 μm (bonded, needle size 23 ga, for use with multi fiber exchanger	FFA57291-U

* Name	Catalog Number
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 100 μm (nonbonded phase, for use with multi fiber exchanger, needle size 24 ga	FFA57301
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 7 μm (bonded phase, for use with multi fiber exchanger, needle size 24 ga	FFA57302
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 30 μm (nonbonded phase, needle size 24 ga, for use with multi fiber exchanger	FFA57309
SPME fiber assembly Polydimethylsiloxane (PDMS), d _r 100 μm (nonbonded phase, for use with multi fiber exchanger	FFA57341-U
SPME Fiber Assembly Storage Device	57589-U
SPME fiber assortment kit 1, for use with manual holder, needle size 24 ga	57306
SPME fiber assortment kit 1, for use with autosampler, needle size 24 ga	57307
SPME fiber assortment kit 1, for use with autosampler, needle size 23 ga	57285-U
SPME fiber assortment kit 1, for use with multi fiber exchanger, needle size 23 ga	FFA57285-U
SPME fiber assortment kit 2, for use with manual holder, needle size 24 ga	57320-U
SPME fiber assortment kit 2, for use with autosampler, size 24 ga	57321-U
SPME fiber assortment kit 2, for use with autosampler, needle size 23 ga	57286-U
SPME fiber assortment kit 2, needle size 23 ga, for use with multi fiber exchanger	FFA57286-U
SPME fiber assortment kit 3	57323-U
SPME fiber assortment kit 4, for use with manual holder, size 24 ga	57324-U
SPME fiber assortment kit 4, for use with autosampler, size 24 ga	57325-U
SPME fiber assortment kit 4, for use with autosampler, needle size 23 ga	57287-U
SPME fiber assortment kit 4, for use with multi fiber exchanger, needle size 23 ga	FFA57287-U
SPME fiber assortment kit 5, needle size 23 ga, for use with autosampler	57362-U
SPME fiber assortment kit 5, needle size 23 ga, for use with multi fiber exchanger	FFA57362-U
SPME Fiber Holder, for use with manual sampling	57330-U
SPME Fiber Holder, for use with Varian Autosampler or HPLC	57331
SPME Fiber Holder, for use with CTC CombiPAL, Gerstel MPS2 and Thermo TriPlus Autosamplers	57347-U
SPME/HPLC Interface, rheodyne valve version	57353
SPME inlet guide	57356-U
SPME LC Fiber Probe, C18, d _r 45 μm, pkg of 5 ea	57281-U
SPME LC Tips, C18, tray of 96 ea	57234-U
SPME LC Tips, PDMS/DVB, pkg of 96 ea	57248-U
SPME Metal Fiber Assembly Kit, needle size 23 ga, for use with autosampler	57424-U
SPME-Overcoated Fiber Polydimethylsiloxane/Divinylbenzene (PDMS/DVB), d _r coating thickness 65 μm (10 μm OC, StableFlex fiber (Polydimethylsiloxane/Divinylbenzene (PDMS/DVB)), needle size 23 ga, pkg of 3 ea	57439-U
SPME Portable Field Sampler, coating Polydimethylsiloxane (PDMS)	504823
SPME Portable Field Sampler, coating Carboxen/Polydimethylsiloxane (CAR/PDMS)	504831
SPME Portable Field Sampler, coating Polydimethylsiloxane/Divinylbenzene (PDMS/DVB)	57359-U
SPME PTFE Sealing Caps, for use with 23 GA fibers, pk of 3	57454-U
SPME Sampling Stand, for use with 4 mL vials	57333-U
SPME Sampling Stand, for use with 15 mL vials	57357-U

Sample Preparation
Solid Phase Micro Extraction (SPME)

* Name	Catalog Number
SPME sampling stand holder & rod assembly, for use with SPME Sampling Stand	57364-U
SPME Septum Removing Tool, For Portable Field Sampler	504858
SPME StableFlex™ fiber assortment kit , for use with manual holder	57550-U
SPME StableFlex™ fiber assortment kit , needle size 24 ga, for use with autosampler	57551-U
SPME StableFlex™ fiber assortment kit , needle size 23 ga, for use with autosampler	57284-U
SPME StableFlex™ fiber assortment kit , needle size 23 ga, for use with multi fiber exchanger	FFA57284-U
Station for Needle Protector Removal	57583-U
Thermometer, L 5 in., limit -10-110 °C temperature	57332
IonSense® PDMS/DVB SPE-it Tips, pkg of 96 ea	57249-U
Vial puck, 15 mL, for SPME Sampling Stand, made to hold 8 × 15 mL vials	57358-U

3: Analytical Applications & Standards

Selected Certified Reference Materials

Alcohol Standards

Selected Certified Reference Materials

Alcohol Standards

* Name	Catalog Number
Ethanol-10, 10 mg/dL in H ₂ O, pack of 10 × 1.2 mL ampules, certified reference material	E-040-10X1.2ML
Ethanol-25, 25 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-035-10X1.2ML
Ethanol-40, 40 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-045-10X1.2ML
Ethanol-50, 50 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-029-10X1.2ML
Ethanol-80, 80 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-030-10X1.2ML
Ethanol-80, 80 mg/dL in H ₂ O, ampule of 5 × 5 mL, certified reference material	E-037-5X5ML
Ethanol-100 (5 ampules/kit), 100 mg/dL in H ₂ O, ampule of 5 × 5 mL, certified reference material	E-038-5X5ML
Ethanol-100 (10 ampules/kit), 100 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-031-10X1.2ML
Ethanol-150, 150 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-041-10X1.2ML
Ethanol-200 (5 ampules/kit), 200 mg/dL in H ₂ O, ampule of 5 × 5 mL, certified reference material	E-039-5X5ML
Ethanol-200 (10 ampules/kit), 200 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-032-10X1.2ML
Ethanol-300, 300 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-033-10X1.2ML
Ethanol-400 (5 ampules/kit), 400 mg/dL in H ₂ O, ampule of 5 × 5 mL, certified reference material	E-044-5X5ML
Ethanol-400 (10 ampules/kit), 400 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-036-10X1.2ML
Ethanol-500, 500 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-053-10X1.2ML
Ethanol-5 (5 ampoule multi-pack) solution, 5 mg/dL in water, pack of 5 × 1.2 mL ampules, certified reference material	E-110-5X1.2ML
Ethanol-20 (5 ampules/kit), 20 mg/dL in H ₂ O, ampule of 5 × 5 mL, certified reference material	E-043-5X5ML
Ethanol-20 (10 ampules/kit), 20 mg/dL in H ₂ O, ampule of 10 × 1.2 mL, certified reference material	E-056-10X1.2ML
Ethanol Calibration Kit, ampule of 10 × 1.2 mL, certified reference material	E-034-1KIT
Ethyl-beta-D-glucuronide-d5, 100 µg/mL, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	E-048-1ML
Ethyl-beta-D-glucuronide-d5, 1.0 mg/mL, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	E-063-1ML
Ethyl-β-D-glucuronide, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	E-016-1ML
Ethyl-β-D-glucuronide, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	E-015-1ML
Ethyl sulfate sodium salt, 1.0 mg/mL in methanol (as ethyl sulfate), ampule of 1 mL, certified reference material	E-064-1ML
Ethyl-d ₅ sulfate sodium salt, 1.0 mg/mL in methanol (as ethyl sulfate), ampule of 1 mL, certified reference material	E-066-1ML
Multicomponent Alcohol Calibration Kit (C1-C3) solution, in H ₂ O (varied conc.), ampule of 3 × 1.2 mL, certified reference material	A-054-3X1.2ML
Multi-component Alcohol Mix, 250 µg/mL each component in H ₂ O, certified reference material	A-124-1.2ML
Multi-component Alcohol Mix, 2000 µg/mL each component in H ₂ O, certified reference material	A-125-1.2ML
Multi-component Alcohol Mix, in H ₂ O (varied conc.), certified reference material	A-127-6X1.2ML

* Name	Catalog Number
Multi-Component Alcohol Mix-100, 100 µg/mL each component in H ₂ O, ampule of 1.2 mL, certified reference material	A-076-1.2ML
Multicomponent Alcohol Mix 1000, 1000 µg/mL each component in H ₂ O, ampule of 1.2 mL, certified reference material	A-056-1.2ML
Multicomponent Alcohol Mix-4000, 4000 µg/mL each component in H ₂ O, ampule of 1.2 mL, certified reference material	A-061-1.2ML
Multicomponent Alcohol Mix 500, 500 µg/mL each component in H ₂ O, ampule of 1.2 mL, certified reference material	A-057-1.2ML
PEth 16:0/18:1 solution, 1.0 mg/mL in methanol (as free phosphate), certified reference material, ampule of 1 mL	P-114-1ML
PEth 16:0/18:2 solution, 1.0 mg/mL in methanol, certified reference material, ampule of 1 mL	P-115-1ML

Chemical Warfare Standards

* Name	Catalog Number
Aminomethylphosphonic acid- ¹³ C, ¹⁵ N, ₂ solution, 100 µg/mL in H ₂ O, ampule of 1.2 mL, certified reference material	CDNLM-6786-1.2ML
Aminomethylphosphonic acid- ¹³ C, ¹⁵ N, ₂ solution, 100 µg/mL in water, certified reference material	CDNLM-6786-10ML
p-Chlorophenyl methyl sulfone solution, vial of 100 mg, analytical standard	ERC-012-100MG
Cyclohexyl methylphosphonic acid solution, 1000 µg/mL in methanol, ampule of 1.2 mL, certified reference material	ERC-034-1.2ML
O,O-Diethyl hydrogen thiophosphate potassium salt solution, 1000 µg/mL in methanol (as free acid), ampule of 1.2 mL, certified reference material	ERD-119-1.2ML
O,O-Diethyl hydrogen thiophosphate potassium salt solution, 100 µg/mL in methanol (as free acid), ampule of 1.2 mL, certified reference material	DLM-4852-1.2-1.2ML
Isopropyl methylphosphonic acid, certified reference material, ampule of 1 g	SCI-006-1G
Isopropyl methylphosphonic acid-D ₇ solution, 1000 µg/mL in methanol, ampule of 1.2 mL, certified reference material	ERI-017-1.2ML
Methylphosphonic acid (methyl-D ₃ , 98%) solution, 100 µg/mL in methanol, ampule of 1.2 mL, certified reference material	DLM-6196-1.2-1.2ML
Pinacolyl hydrogen methylphosphonate- ¹³ C ₆ (trimethylpropyl- ¹³ C ₆) solution, 100 µg/mL in methanol, ampule of 1.2 mL, certified reference material	CLM-6620-1.2-1.2ML
Ricine solution, 100 µg/mL in acetonitrile, ampule of 1.2 mL, certified reference material	ERR-006-1.2ML
Thiodiglycol solution, 1000 µg/mL in methanol, ampule of 1.2 mL, certified reference material	ERT-053-1.2ML

Clinical Chemistry

* Name	Catalog Number
α-Amylase (catalytic concentration), IRMM® certified Reference Material	IRMMIFCC456-1EA
Bovine blood (Pb, Cd), ERM® certified Reference Material	ERMCE196-1AMP
Cotton seed GMO standard T304-40, ERM® certified Reference Material, 10% T304-40 Cotton seed, for the detection of GMO cotton seed (T304-40) with PCR	ERMBF429C-1G
Creatinine (interfering substances), BCR® certified Reference Material	BCR573I-1EA
Genomic DNA of Campylobacter jejuni (NCTC 11351), IRMM® certified Reference Material	IRMM448-1EA
Genomic DNA of Escherichia coli O157 (EDL 933), IRMM® certified Reference Material	IRMM449-1EA
Genomic DNA of Listeria monocytogenes (4B, NCTC 11994), IRMM® certified Reference Material	IRMM447-1EA

Selected Certified Reference Materials

Clinical Chemistry

* Name	Catalog Number
Hemoglobin HbA0 (non-glycated), IRMM® certified Reference Material	IRMMIFCC467-1EA
Human adenosine deaminase (ADA1), from human erythrocytes (Enzyme reference materials), BCR® certified Reference Material	BCR647-1ML
Human apolipoprotein A I (mass concentration), BCR® certified Reference Material	BCR393-1.5ML
Human blood (Pb and Cd), BCR® certified Reference Material	BCR634-1EA
Human blood (Pb and Cd), BCR® certified Reference Material	BCR636-1EA
Human blood (Pb and Cd), BCR® certified Reference Material	BCR635-1EA
Human haemolysate [glycated haemoglobin (HbA _{1c})], Reference Material	BCR405RM-.5ML
Human pancreatic Lipase (from pancreatic juice), BCR® certified Reference Material	BCR693-1EA
Human prostatic acid phosphatase (catalytic concentration), BCR® certified Reference Material	BCR410-1EA
Human serum (Al, Se, Zn), BCR® certified Reference Material	BCR637-1EA
Human serum (Al, Se, Zn), BCR® certified Reference Material	BCR639-1EA
Human serum (Al, Se, Zn), BCR® certified Reference Material	BCR638-1EA
Human serum (Ca, Mg, Li), BCR® certified Reference Material	BCR304-1VL
Human serum (cortisol spiked), ERM® certified Reference Material	ERMDA193-1AMP
Human serum (cortisol unspiked), ERM® certified Reference Material	ERMDA192-1AMP
Human Serum (CRP), ERM® certified Reference Material	ERMDA474IFCC-1EA
Human serum (cystatin C), ERM® certified Reference Material	ERMDA471IFCC-1EA
Human serum (17β-estradiol, high level), BCR® certified Reference Material	BCR578-1ML
Human serum (17β-estradiol, low level), BCR® certified Reference Material	BCR576-5ML
Human serum (17β-estradiol, medium level), BCR® certified Reference Material	BCR577-1ML
Human serum (high creatinine), BCR® certified Reference Material	BCR575-900MG
Human serum (high progesterone), BCR® certified Reference Material	BCR348R-1EA
Human serum (low creatinine), BCR® certified Reference Material	BCR573-5ML
Human serum (medium creatinine), BCR® certified Reference Material	BCR574-900MG
Human serum (progesterone), ERM® certified Reference Material	ERMDA347-1AMP
Human serum (serum proteins), ERM® certified Reference Material	ERMDA470KIFCC-1VL
Human thyroglobulin (Tg) (mass concentration), BCR® certified Reference Material	BCR457-1EA
Lambda DNA solution, ERM® certified Reference Material	ERMAD442K-1ML
Latex spheres, BCR® certified Reference Material, 2 μm particle size	BCR165-1EA
Latex spheres, BCR® certified Reference Material, 4.8 μm particle size	BCR166-1EA
Latex spheres, BCR® certified Reference Material, 9.6 μm particle size	BCR167-1EA
Pharmaceutical glass containers (Alkali leaching and release), IRMM® certified Reference Material	IRMM435-1SET
Porcine pDNA calibrant, ERM® certified Reference Material	ERMAD483-1EA
Prostate specific antigen (protein mass), BCR® certified Reference Material	BCR613-1EA
Purified human alphafoetoprotein (protein mass), BCR® certified Reference Material	BCR486-1EA

* Name	Catalog Number
Ruminant pDNA calibrant, ERM® certified Reference Material	ERMAD482-1EA
Soya 356043 GMO standard ERM-BF425, BCR® certified Reference Material, Set with 0%, 0.1%, 1% and 10% Soya 356043	76738-1SET
Thromboplastin rabbit (prothrombin time), ERM® certified Reference Material	ERMAD149-1AMP
Thyroxine (T4), IRMM® certified Reference Material	IRMM468-1EA
3,3',5 Triiodothyronine (T3), IRMM® certified Reference Material	IRMM469-1EA

Drugs, Metabolites & Impurities

* Name	Catalog Number
A-796260 solution, 100 μg/mL in methanol, ampule of 1 mL, certified reference material	S-064-1ML
AB-FUBINACA solution, 100 μg/mL in methanol, ampule of 1 mL, certified reference material	S-065-1ML
AB-PINACA, 100 μg/mL in methanol, certified reference material	S-082-1ML
AB-PINACA 4-Hydroxypentyl metabolite, 100 μg/mL in methanol, certified reference material	S-083-1ML
AB-PINACA 5-Hydroxypentyl metabolite, 100 μg/mL in methanol, certified reference material	S-084-1ML
AB-PINACA 5-Pentanoic acid metabolite, 100 μg/mL in methanol, certified reference material	S-085-1ML
Acetaminophen solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-064-1ML
Acetaminophen-D ₄ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-917-1ML
Acetaminophen-D ₄ solution, 100 μg/mL in methanol, ampule of 1 mL, certified reference material	P-909-1ML
6-Acetylcodeine solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-053-1ML
Acetyl fentanyl solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-109-1ML
Acetyl fentanyl solution, 50 μg/mL in methanol, certified reference material, ampule of 1 mL	A-129-1ML
Acetyl fentanyl- ¹³ C ₆ solution, 100 μg/mL in methanol, ampule of 1 mL, certified reference material	A-110-1ML
Acetyl fentanyl- ¹³ C ₆ solution, 50 μg/mL in methanol, certified reference material, ampule of 1 mL	A-130-1ML
6-Acetylmorphine-d ₆ solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-027-1ML
6-Acetylmorphine-d ₆ solution, 100 μg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-026-1ML
6-Acetylmorphine, 100 μg/mL solution, 100 μg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-003-1ML
6-Acetylmorphine, 1.0 mg/mL solution, 1 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-009-1ML
6-Acetylmorphine-d3 solution, 100 μg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-006-1ML
6-Acetylmorphine-d3 solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-010-1ML
Acetyl norfentanyl oxalate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-115-1ML
Acetyl norfentanyl- ¹³ C ₆ oxalate solution, 100 μg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-116-1ML
N-Acetylretigabine solution, 100 μg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-105-1ML
AH-7921 hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-113-1ML
AH-7921-D ₃ hydrochloride solution, 100 μg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-114-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Drugs, Metabolites & Impurities

* Name	Catalog Number
Aldosterone solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-096-1ML
Alfentanil hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-071-1ML
alpha-Hydroxyalprazolam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-907-1ML
alpha-Hydroxyalprazolam solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-905-1ML
alpha-Hydroxyalprazolam-d ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-908-1ML
alpha-Hydroxyalprazolam-d ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-904-1ML
alpha-Linolenic acid, 1.0 mg/mL in ethanol, certified reference material	L-039-1ML
Alprazolam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-903-1ML
Alprazolam-d ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-910-1ML
Alprazolam-d ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-902-1ML
AM2201 4-Hydroxypentyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-059-1ML
AM-2201 4-Hydroxypentyl metabolite-D ₅ (indole-D ₅) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-058-1ML
Amine Mixture-6 solution, 250 µg/mL each component in methanol, ampule of 1 mL, certified reference material	A-050-1ML
7-Aminoclonazepam solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-916-1ML
7-Aminoclonazepam solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-915-1ML
7-Aminoclonazepam-d ₄ solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-924-1ML
7-Aminoclonazepam-d ₄ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-917-1ML
7-Aminoflunitrazepam solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-912-1ML
7-Aminoflunitrazepam solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-911-1ML
7-Aminoflunitrazepam-d ₇ solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-925-1ML
7-Aminoflunitrazepam-d ₇ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-921-1ML
7-Aminonimetazepam solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-098-1ML
7-Aminonitrazepam solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-914-1ML
7-Aminonitrazepam solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-913-1ML
7-Aminonitrazepam-D ₅ solution, 100 µg/mL in acetonitrile, certified reference material	A-126-1ML
Aminorex solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-040-1ML
Amiodarone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-060-1ML
Amiodarone-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-083-1ML
Amitriptyline hydrochloride solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-923-1ML
Amitriptyline-d ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-085-1ML
Amitriptyline-d ₃ hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	A-121-1ML

* Name	Catalog Number
Amobarbital solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-020-1ML
Amobarbital-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-102-1ML
Amoxapine, 1.0 mg/mL in methanol, certified reference material	A-123-1ML
(±)-Amphetamine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-007-1ML
(±)-Amphetamine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-011-1ML
(±)-Amphetamine-d ₆ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-045-1ML
(±)-Amphetamine-d ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-044-1ML
(±)-Amphetamine-d ₈ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-017-1ML
(±)-Amphetamine-d ₈ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-018-1ML
(±)-Amphetamine-d ₁₀ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-038-1ML
(±)-Amphetamine-d ₁₁ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-016-1ML
(±)-Amphetamine-d ₁₁ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-019-1ML
(±)-Amphetamine-d ₅ (deuterium label on ring) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-002-1ML
(±)-Amphetamine-d ₅ (deuterium label on side chain) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-013-1ML
(±)-Amphetamine-d ₅ (deuterium label on side chain) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-005-1ML
S(+)-Amphetamine (dextro-Amphetamine) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-008-1ML
R(-)-Amphetamine (levo-Amphetamine), 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-049-1ML
(+)-Anabasine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-097-1ML
Anabasine-d ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-100-1ML
Androstenedione solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-075-1ML
Androstene-3,17-dione-2,3,4- ¹³ C ₃ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-084-1ML
Androsterone-d ₄ glucuronide solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	A-099-1ML
Androsterone-D ₄ glucuronide solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	A-131-1ML
Anhydroecgonine methyl ester solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-034-1ML
(±)-5-APB hydrochloride solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	A-104-1ML
5-APB-D ₅ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-108-1ML
(±)-6-APB hydrochloride solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	A-103-1ML
6-APB-D ₅ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	A-112-1ML
5-API (5-IT) solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-107-1ML
APINACA (AKB-48), 100 µg/mL in methanol, certified reference material	S-086-1ML
APINACA (AKB-48) 5-Hydroxypentyl metabolite, 100 µg/mL in methanol, certified reference material	S-087-1ML

Selected Certified Reference Materials
Drugs, Metabolites & Impurities

* Name	Catalog Number
APINACA (AKB-48) 5-Hydroxypentyl metabolite-D ₄ , 100 µg/mL in methanol, certified reference material	S-088-1ML
Arachidonic acid, 1.0 mg/mL in ethanol, certified reference material	A-122-1ML
Aripiprazole solution, 1.0 mg/mL (1:1 Methanol/Water with 1% 1N HCl), ampule of 1 mL, certified reference material	A-119-1ML
Aripiprazole-d ₈ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-081-1ML
Ascomycin solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-094-1ML
L-Ascorbic acid solution, 1.0 mg/mL in acetonitrile: water, certified reference material	V-038-1ML
Asenapine maleate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-101-1ML
Atenolol solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-072-1ML
Atomoxetine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-095-1ML
Atomoxetine-d ₇ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	A-093-1ML
Atropine solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-046-1ML
Atropine-D ₃ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	A-077-1ML
Baclofen solution, 500 µg/mL in methanol, ampule of 1 mL, certified reference material	B-048-1ML
(±)-Baclofen-D ₄ solution	B-067-1ML
Barbiturate Mix-5 solution, 250 µg/mL each component in methanol, ampule of 1.0 mL, certified reference material	B-041-1ML
Benocyclidine fumarate solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	B-053-1ML
Benzodiazepine Internal Standard-3 solution, 0.5 - 1.0 mg/mL in acetonitrile, ampule of 1.0 mL, certified reference material	B-905-1ML
Benzodiazepine Multi-component Mixture-8 solution, 250 µg/mL each component in acetonitrile, ampule of 1 mL, certified reference material	B-033-1ML
Benzoyllecgonine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	B-004-1ML
Benzoyllecgonine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	B-007-1ML
Benzoyllecgonine-d ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	B-008-1ML
Benzoyllecgonine-d ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	B-001-1ML
Benzoyllecgonine-D ₈ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	B-014-1ML
Benzoyllecgonine-D ₈ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	B-013-1ML
Benzyl piperazine dihydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-906-1ML
Benzyl piperazine-D ₇ dihydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-907-1ML
Bromazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	B-903-1ML
4-Bromo-2,5-dimethoxyphenethylamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-026-1ML
(R)-(-)-Bromo-DragonFLY hydrochloride solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	B-049-1ML
(±)-Bromo-DragonFLY-D ₅ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	B-057-1ML

* Name	Catalog Number
Brompheniramine maleate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-043-1ML
Bufotenine solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	B-022-1ML
Buphedrone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-047-1ML
Buphedrone ephedrine metabolite hydrochloride solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	B-050-1ML
Buphedrone Ephedrine Metabolite-D ₃ hydrochloride solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	B-051-1ML
Buprenorphine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	B-902-1ML
Buprenorphine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	B-044-1ML
Buprenorphine-D ₄ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	B-908-1ML
Buprenorphine-D ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	B-901-1ML
Buprenorphine-D ₄ -3-beta-D-glucuronide, 100 µg/mL in methanol, certified reference material	B-060-1ML
Buprenorphine glucuronide solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	B-035-1ML
Bupropion hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-034-1ML
(±)-Bupropion-D ₉ hydrochloride solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	B-052-1ML
Buspirone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-054-1ML
Buspirone-D ₈ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-055-1ML
Busulfan solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	B-058-1ML
Busulfan-D ₈ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	B-068-1ML
Butabarbital solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	B-024-1ML
Butabarbital-D ₅ , 100 µg/mL in methanol, certified reference material	B-065-1ML
Butalbital solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	B-006-1ML
Butalbital-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	B-005-1ML
Butalbital-D ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	B-030-1ML
Butorphanol tartrate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-037-1ML
Butylone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-045-1ML
Butylone-d ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	B-046-1ML
Caffeine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-051-1ML
Caffeine- ¹³ C ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-082-1ML
Camfetamine hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	C-127-1ML
Cannabichromene solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-143-1ML
Cannabidiol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-045-1ML
Cannabidiol-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-084-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Drugs, Metabolites & Impurities

* Name	Catalog Number
Cannabidiolic acid solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-144-1ML
Cannabidivarin solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-140-1ML
Cannabidivarinic Acid (CBDVA) solution, 1.0 mg/mL in acetonitrile, certified reference material, ampule of 1 mL	C-152-1ML
Cannabigerol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-141-1ML
Cannabigerolic acid solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-142-1ML
Cannabinol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-046-1ML
Cannabinol-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-115-1ML
Carbamazepine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-053-1ML
Carbamazepine- ¹³ C ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-136-1ML
Carbamazepine-D ₁₀ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-094-1ML
Carbamazepine-10,11-epoxide solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-121-1ML
Carbamazepine-10,11-epoxide- ¹³ C ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-128-1ML
(-)-11-nor-9-Carboxy-Δ ⁹ -THC solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-019-1ML
(-)-11-nor-9-Carboxy-Δ ⁹ -THC solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-018-1ML
(±)-11-nor-9-Carboxy-Δ ⁹ -THC solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material (Not to be used for immunoassay)	T-006-1ML
(±)-11-nor-9-Carboxy-Δ ⁹ -THC solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-010-1ML
(±)-11-nor-9-Carboxy-Δ ⁹ -THC-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-008-1ML
(±)-11-nor-9-Carboxy-Δ ⁹ -THC-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-004-1ML
(±)-11-nor-9-Carboxy-Δ ⁹ -THC-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-007-1ML
(±)-11-nor-9-Carboxy-Δ ⁹ -THC-D ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-009-1ML
Carisoprodol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-077-1ML
Carisoprodol- ¹³ C ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-134-1ML
Carisoprodol-D ₇ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-083-1ML
Carisoprodol-D ₇ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-123-1ML
Catecholamine Metabolites Mix solution, 1 mg/mL each component in methanol, ampule of 1 mL, certified reference material	C-111-1ML
Catecholamine Mix 1 (Epinephrines) solution, 1.0 mg/mL each component in methanol (as free base), ampule of 1 mL, certified reference material	C-109-1ML
Catecholamine Mix 2 (Metanephrines) solution, 1.0 mg/mL each component in methanol (as free base), ampule of 1 mL, certified reference material	C-110-1ML
R(+)-Cathinone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-028-1ML
S(-)-Cathinone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-019-1ML
Cathinone-D ₅ hydrochloride solution, 100 µg/mL in methanol (as free base), certified reference material, ampule of 1 mL	C-155-1ML

* Name	Catalog Number
Cetirizine dihydrochloride solution, 1.0 mg/mL in acetonitrile: water (9:1) (as free base), ampule of 1 mL, certified reference material	C-158-1ML
Chenodeoxycholic acid, 500 µg/mL in methanol, certified reference material	C-145-1ML
Chenodeoxycholic acid-D ₄ , 100 µg/mL in methanol, certified reference material	C-147-1ML
Chlordiazepoxide solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-022-1ML
Chlordiazepoxide-d ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-912-1ML
4-Chloro-2,5-Dimethoxyphenethylamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-124-1ML
1-(3-Chlorophenyl)piperazine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-089-1ML
1-(3-Chlorophenyl)piperazine-d ₈ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-112-1ML
Chlorpheniramine maleate salt solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-036-1ML
Chlorpheniramine-D ₆ maleate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-086-1ML
Chlorpromazine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-904-1ML
Chlorpromazine-D ₃ maleate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-107-1ML
Cholic acid, 500 µg/mL in methanol, certified reference material	C-146-1ML
Cholic acid-D ₄ , 100 µg/mL in methanol, certified reference material	C-148-1ML
Citalopram hydrobromide solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-095-1ML
Citalopram hydrobromide solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-057-1ML
Citalopram-D ₆ hydrobromide solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-090-1ML
Clenbuterol hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-080-1ML
Clenbuterol-d ₉ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-081-1ML
Clobazam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-909-1ML
Clobazam-8-chloro isomer- ¹³ C ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-129-1ML
Clobazam- ¹³ C ₆ solution, 100 µg/mL in methanol, certified reference material	C-149-1ML
Clomipramine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-118-1ML
Clomipramine-d ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-116-1ML
Clonazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-907-1ML
Clonazepam-d ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-905-1ML
Clonazepam-d ₄ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-906-1ML
Clonidine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-033-1ML

Selected Certified Reference Materials
Drugs, Metabolites & Impurities

* Name	Catalog Number
Clonidine-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-157-1ML
Clorazepate dipotassium solution, 1.0 mg/mL in methanol (as clorazepate), ampule of 1 mL, certified reference material	C-156-1ML
Clozapine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-059-1ML
Clozapine-D ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-091-1ML
Clozapine N-oxide solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-125-1ML
Cocaethylene solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-010-1ML
Cocaethylene-D ₃ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-009-1ML
Cocaethylene-D ₈ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-024-1ML
Cocaine solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-008-1ML
Cocaine-D ₃ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-004-1ML
Cocaine-D ₃ solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-014-1ML
Cocaine Multi-component Mixture solution, 250 µg/mL each component in acetonitrile, ampule of 1 mL, certified reference material	C-088-1ML
Cocaine N-oxide hydrochloride, 1.0 mg/mL in acetonitrile (as free base), ampule of 1 mL, certified reference material	C-119-1ML
Cocaine N-oxide-D ₃ hydrochloride solution, 100 µg/mL in acetonitrile (as free base), ampule of 1 mL, certified reference material	C-120-1ML
Codeine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-015-1ML
Codeine solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	C-006-1ML
Codeine-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-007-1ML
Codeine-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-005-1ML
Codeine-D ₆ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-041-1ML
Codeine-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-040-1ML
Codeine-6-β-D-glucuronide solution, 100 µg/mL in methanol: water (2:8), ampule of 1 mL, certified reference material	C-087-1ML
Codeine-6-β-D-glucuronide solution, 1 mg/mL in methanol: water (2:8), ampule of 1 mL, certified reference material	C-126-1ML
Codeine-6-β-D-glucuronide-D ₃ solution, 100 µg/mL in methanol: water (2:8), ampule of 1 mL, certified reference material	C-138-1ML
Corticosterone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-117-1ML
Cortisol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-106-1ML
Cortisol-D ₄ (9,11,12, 12-D ₄) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-113-1ML
Cortisone solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-130-1ML
(-)-Cotinine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-016-1ML
(±)-Cotinine-d ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	C-017-1ML
(±)-Cotinine-d ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	C-035-1ML
Cyclobenzaprine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-060-1ML

* Name	Catalog Number
Cyclobenzaprine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	C-114-1ML
Cyclosporin A solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-104-1ML
Cyclosporin A solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-093-1ML
Cyclosporin D solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	C-108-1ML
Cyclosporin A- ¹⁵ N ₁₁ , 100 µg/mL in acetonitrile, certified reference material	C-139-1ML
Dabigatran-D ₃ solution, 100 µg/mL (Acetonitrile with 10% 0.01 N HCl), ampule of 1 mL, certified reference material	D-099-1ML
Dehydro aripiprazole solution, 1.0 mg/mL in methanol with 5% 1 M HCl, ampule of 1 mL, certified reference material	D-053-1ML
Dehydroepiandrosterone (DHEA) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-063-1ML
Dehydroepiandrosterone-D ₅ (DHEA-D ₅) (2,2,3,4,4-D ₅) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-064-1ML
Dehydroepiandrosterone 3-sulfate (DHEAS) sodium salt solution, 1.0 mg/mL in methanol (as free sulfate), ampule of 1 mL, certified reference material	D-065-1ML
Dehydroepiandrosterone-D ₅ -3-sulfate (DHEAS-D ₅) (2,2,3,4,4,-D ₅) sodium salt solution, 100 µg/mL in methanol (as free sulfate), ampule of 1 mL, certified reference material	D-066-1ML
Dehydronorketamine hydrochloride solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-046-1ML
Delorazepam solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-142-1ML
Demoxepam solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-079-1ML
Demoxepam-d ₅ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-080-1ML
Deoxycholic acid, 500 µg/mL in methanol, certified reference material	D-126-1ML
Deoxycholic acid-D ₄ , 100 µg/mL in methanol, certified reference material	D-127-1ML
11-Deoxycorticosterone solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-105-1ML
11-Deoxycortisol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-061-1ML
11-Deoxycortisol-D ₅ (2,2,4,6,6-D ₅), 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-078-1ML
21-Deoxycortisol solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-062-1ML
21-Deoxycortisol-d ₈ (2,2,4,6,6,21,21,21-d ₈), 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-076-1ML
21-Deoxycortisone solution, 100 µg/mL in methanol, certified reference material	D-123-1ML
Desalkylflurazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-915-1ML
Desalkylflurazepam-d ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-924-1ML
N-Desethylamiodarone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-055-1ML
N-Desethylamiodarone-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-056-1ML
N-Desethylamodiaquine dihydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-039-1ML
N-Desethylamodiaquine-D ₅ dihydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-040-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Drugs, Metabolites & Impurities

* Name	Catalog Number
Desipramine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-906-1ML
Desipramine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-903-1ML
Desipramine-D ₃ hydrochloride solution, 1.0 mg/mL in methanol (as free base), certified reference material	D-116-1ML
N-Desmethylcitalopram hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-047-1ML
N-Desmethylcitalopram-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-074-1ML
N-Desmethylclobazam solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-049-1ML
N-Desmethylclobazam- ¹³ C ₆ solution, 100 µg/mL in acetonitrile, certified reference material	D-128-1ML
N-Desmethylclobazam-8-chloro isomer- ¹³ C ₆ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-094-1ML
N-Desmethylclomipramine hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	D-916-1ML
N-Desmethylclomipramine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), certified reference material	D-113-1ML
N-Desmethylclozapine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-048-1ML
N-Desmethylcyclobenzaprine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-088-1ML
N-Desmethylcyclobenzaprine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-089-1ML
Desmethyldoxepin solution, cis/trans, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-007-1ML
N-Desmethyldoxepin-D ₃ hydrochloride solution, cis/trans, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-075-1ML
Desmethylene Paroxetine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-084-1ML
N-Desmethylflunitrazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-918-1ML
N-Desmethylflunitrazepam solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-919-1ML
N-Desmethylflunitrazepam-d ₄ , 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-925-1ML
N-Desmethylmirtazapine solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-086-1ML
Desmethyloanzapine dihydrochloride solution, 1.0 mg/mL in acetonitrile: water (1:1) (as free base), ampule of 1 mL, certified reference material	D-069-1ML
N-Desmethyloanzapine-d ₈ dihydrochloride solution, 100 µg/mL in acetonitrile: water (1:1) (as free base), ampule of 1 mL, certified reference material	D-070-1ML
3-Desmethylprodine hydrochloride solution, 1.0 mg/mL in acetonitrile (as free base), ampule of 1 mL, certified reference material	D-090-1ML
(±)-N-Desmethylosegiline solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-012-1ML
N-Desmethyltapentadol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-052-1ML
N-Desmethyl-cis-tramadol hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-023-1ML
O-Desmethyl-cis-tramadol hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-035-1ML
N-Desmethyl-cis-tramadol-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-110-1ML

* Name	Catalog Number
O-Desmethyl-cis-tramadol-D ₆ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-058-1ML
N-Desmethyltrimipramine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), certified reference material	D-114-1ML
N-Desmethyltrimipramine maleate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-920-1ML
O-Desmethylvenlafaxine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	V-007-1ML
O-Desmethylvenlafaxine solution, 1.0 mg/mL in methanol, certified reference material	V-045-1ML
N-Desmethylzopiclone solution, 100 µg/mL in acetonitrile, certified reference material	D-111-1ML
N-Desmethylzopiclone-D ₄ solution, 100 µg/mL in acetonitrile, certified reference material	D-112-1ML
Desomorphine solution, 1 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-083-1ML
Desomorphine-D ₃ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-103-1ML
Desoxyipiradol hydrochloride solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	D-082-1ML
Dexamethasone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-085-1ML
Dextromethorphan solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-013-1ML
Dextromethorphan-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-071-1ML
Dextrorphan tartrate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-034-1ML
Dextrorphan-d ₃ , 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-041-1ML
Diazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-907-1ML
Diazepam-d ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-910-1ML
Diazepam-d ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-902-1ML
(±)-threo-3,4-Dichloromethylphenidate HCl, 1.0 mg/mL in methanol ((as free base)), certified reference material	D-140-1ML
Diethylpropion hydrochloride solution, 1.0 mg/mL in methanol (with 1% 1 M HCl; as free base), certified reference material	D-121-1ML
Digitoxin solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-067-1ML
Digoxin solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-029-1ML
5-Dihydrobenzofuranpyrovalerone HCl (5-DBFPV HCl), 1.0 mg/mL in methanol ((as free base)), certified reference material	D-129-1ML
Dihydrocodeine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-019-1ML
Dihydrocodeine-D ₆ hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-087-1ML
Dihydrocodeine-D ₆ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-021-1ML
Dihydrocodeine-6β-D-glucuronide solution, 1.0 mg/mL in methanol: water (1:1), certified reference material	D-109-1ML
10,11-Dihydro-10-Hydroxycarbamazepine solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-091-1ML
10,11-Dihydro-10-Hydroxycarbamazepine- ¹³ C ₆ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-104-1ML
Dihyromorphine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-033-1ML

Selected Certified Reference Materials
Drugs, Metabolites & Impurities

* Name	Catalog Number
Dihydromorphine-3β-D-glucuronide solution, 1.0 mg/mL in methanol: water (1:1), certified reference material	D-108-1ML
5α-Dihydrotestosterone-D ₃ (16,16,17-D ₃) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-077-1ML
5α-Dihydrotestosterone (DHT) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	D-073-1ML
1α,25-Dihydroxyvitamin D ₂ solution, 5 µg/mL in ethanol, ampule of 1 mL, certified reference material	H-090-1ML
1α,25-Dihydroxyvitamin D ₃ solution, 5 µg/mL in ethanol, ampule of 1 mL, certified reference material	H-089-1ML
1,25-Dihydroxyvitamin D ₃ - ¹³ C ₃ (25,26,27- ¹³ C ₃) solution, 5 µg/mL in ethanol, ampule of 1 mL, certified reference material	H-107-1ML
Diltiazem hydrochloride solution, 1.0 mg/mL in acetonitrile (as free base), ampule of 1 mL, certified reference material	D-035-1ML
(±)-2,5-Dimethoxy-4-bromoamphetamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-101-1ML
(±)-2,5-Dimethoxy-4-bromoamphetamine hydrochloride solution, 100 µg/mL in methanol, certified reference material	D-125-1ML
2,5-Dimethoxy-4-ethylphenethylamine- ¹³ C ₃ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	E-107-1ML
2,5-Dimethoxy-4-ethylphenylethylamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-083-1ML
2,5-Dimethoxy-4-ethylthiophenethylamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-087-1ML
2,5-Dimethoxy-4-ethylthiophenethylamine- ¹³ C ₃ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	T-091-1ML
(±)-2,5-Dimethoxy-4-Iodoamphetamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-100-1ML
2,5-Dimethoxy-4-isopropylthiophenethylamine hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	T-088-1ML
2,5-Dimethoxy-4-isopropylthiophenethylamine- ¹³ C ₃ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	T-090-1ML
2,5-Dimethoxy-4-methylphenethylamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-095-1ML
2,5-Dimethoxy-4-methylphenethylamine- ¹³ C ₃ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	D-106-1ML
2,5-Dimethoxy-4-nitrophenethylamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-086-1ML
2,5-Dimethoxy-4-nitrophenethylamine- ¹³ C ₃ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	N-096-1ML
2,5-Dimethoxy-4-(n)-propylphenethylamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-091-1ML
2,5-Dimethoxy-4-(n)-propylthiophenethylamine hydrochloride solution, 1.0 mg/mL in acetonitrile: water (9:1) (as free base), ampule of 1 mL, certified reference material	T-084-1ML
2,5-Dimethoxy-4-(n)-propylthiophenethylamine- ¹³ C ₃ hydrochloride solution, 100 µg/mL in acetonitrile: water (9:1) (as free base), ampule of 1 mL, certified reference material	T-089-1ML
3,4-Dimethylmethcathinone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-093-1ML

* Name	Catalog Number
3,4-Dimethylmethcathinone Norephedrine Metabolite hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-096-1ML
3,4-Dimethylmethcathinone Norephedrine Metabolite-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-097-1ML
N,N-Dimethyltryptamine (DMT) solution, 1.0 mg/mL in methanol, certified reference material	D-102-1ML
Diphenhydramine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-015-1ML
Diphenhydramine-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	D-017-1ML
Diphenoxylate hydrochloride solution, 1.0 mg/mL in acetonitrile (as free base), ampule of 1 mL, certified reference material	D-143-1ML
cis-4,7,10,13,16,19-Docosahexaenoic acid, 500 µg/mL in ethanol, certified reference material	D-117-1ML
Docosapentaenoic acid (cis-4,7,10,13,16)	D-119-1ML
Docosapentaenoic acid (cis-7,10,13,16,19), 500 µg/mL in ethanol, certified reference material	D-120-1ML
Dopamine hydrochloride solution, 1.0 mg/mL in methanol with 5% 1 M HCl (as free base), ampule of 1 mL, certified reference material	D-081-1ML
Dopamine-D ₄ hydrochloride solution, 100 µg/mL in methanol with 5% 1 M HCl (as free base), ampule of 1 mL, certified reference material	D-072-1ML
Doxepin hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-927-1ML
Doxepin-D ₃ hydrochloride solution, (cis/trans), 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-060-1ML
Doxepin-D ₃ (cis/trans) hydrochloride solution, 1.0 mg/mL in methanol (as free base), certified reference material	D-115-1ML
Doxylamine-D ₅ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-051-1ML
Doxylamine succinate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-045-1ML
Duloxetine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-044-1ML
Duloxetine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	D-068-1ML
Ecgonine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-004-1ML
Ecgonine-d ₃ hydrochloride, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-003-1ML
Ecgonine ethyl ester solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	E-019-1ML
Ecgonine methyl ester solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	E-008-1ML
Ecgonine methyl ester solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	E-001-1ML
Ecgonine methyl ester-D ₃ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	E-002-1ML
EDDP-D ₃ perchlorate solution, 1.0 mg/mL in methanol (as pyrrolinium), ampule of 1 mL, certified reference material	E-062-1ML
EDDP-D ₃ perchlorate solution, 100 µg/mL in methanol (as pyrrolinium), ampule of 1 mL, certified reference material	E-021-1ML
EDDP perchlorate, ampule of 10 mg, certified reference material	E-006-10MG
EDDP perchlorate solution, 1.0 mg/mL in methanol (as pyrrolinium), ampule of 1 mL, certified reference material	E-022-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Drugs, Metabolites & Impurities

* Name	Catalog Number
EDDP perchlorate solution, 100 µg/mL in methanol (as pyrolinium), ampule of 1 mL, certified reference material	E-012-1ML
Efavirenz solution, 1.0 mg/mL in acetonitrile, certified reference material	E-109-1ML
<i>cis</i> -5,8,11,14,17-Eicosapentaenoic acid, 500 µg/mL in ethanol, certified reference material	E-113-1ML
EMDP hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-057-1ML
(1 <i>R</i> ,2 <i>S</i>)-(-)-Ephedrine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-023-1ML
(1 <i>S</i> ,2 <i>R</i>)-(+)-Ephedrine hydrochloride, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-011-1ML
(1 <i>S</i> ,2 <i>R</i>)-(+)-Ephedrine- <i>d</i> ₃ hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-026-1ML
(1 <i>S</i> ,2 <i>R</i>)-(+)-Ephedrine- <i>d</i> ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-025-1ML
(±)-Epinephrine- <i>D</i> ₆ solution, 100 µg/mL in methanol with 5% 1 M HCl, ampule of 1 mL, certified reference material	E-077-1ML
Epitestosterone solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	E-058-1ML
Equilin solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	E-078-1ML
Escaline hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	E-111-1ML
Escaline- <i>D</i> ₃ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	E-112-1ML
Estazolam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	E-901-1ML
Estazolam- <i>d</i> ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	E-903-1ML
17β-Estradiol solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	E-060-1ML
17β-Estradiol-2,3,4- ¹³ C ₃ solution, ampule of 1 mL	E-073-1ML
17β-Estradiol- <i>D</i> ₅ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	E-061-1ML
Estriol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	E-074-1ML
Estrone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	E-075-1ML
Estrone-2,3,4- ¹³ C ₃ solution, 100 µg/mL in methanol, certified reference material	E-108-1ML
(±)- <i>N</i> -Ethylamphetamine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	E-018-1ML
<i>N</i> -Ethylcathinone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-080-1ML
(±)- <i>N</i> -Ethylcathinone Ephedrine Metabolite hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-084-1ML
(±)- <i>N</i> -Ethylcathinone Ephedrine Metabolite- <i>D</i> ₅ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-085-1ML
4-Ethylmethcathinone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-090-1ML
Ethylmorphine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	E-052-1ML
Ethylone hydrochloride, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-071-1ML
Ethylone- <i>d</i> ₅ hydrochloride, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-072-1ML
(±)-threo-Ethylphenidate hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	E-088-1ML

* Name	Catalog Number
17α-Ethinylestradiol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	E-076-1ML
Etizolam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	E-081-1ML
Etizolam- <i>D</i> ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	E-082-1ML
Eutylone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-087-1ML
Eutylone- <i>D</i> ₅ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	E-091-1ML
Everolimus solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	E-068-1ML
Everolimus- <i>D</i> ₄ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	E-070-1ML
Felbamate solution, 2.0 mg/mL in methanol, ampule of 1 mL, certified reference material	F-029-1ML
Fentanyl solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	F-013-1ML
Fentanyl solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	F-002-1ML
Fentanyl- <i>D</i> ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	F-001-1ML
(±)-Flecainide solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	F-017-1ML
Flubromazepam, 1.0 mg/mL in methanol, certified reference material	F-043-1ML
Fluconazole solution, 2.0 mg/mL in methanol, ampule of 1 mL, certified reference material	F-031-1ML
Fluconazole- ¹³ C ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	F-035-1ML
Flunitrazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	F-907-1ML
Flunitrazepam- ¹³ C ₆ , 100 µg/mL in methanol, certified reference material	F-032-1ML
Flunitrazepam- <i>d</i> ₇ , 100 µg/mL in methanol, ampule of 1 mL, certified reference material	F-915-1ML
4-Fluoro-α-POP HCl (4-Fluoro PV9 HCl), 1.0 mg/mL in methanol, certified reference material	F-041-1ML
(±)-2-Fluoroamphetamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-019-1ML
(±)-2-Fluoroamphetamine- <i>D</i> ₅ (side chain) hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-023-1ML
(±)-3-Fluoroamphetamine hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	F-033-1ML
(±)-4-Fluoroamphetamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-018-1ML
(±)-4-Fluoroamphetamine- <i>D</i> ₅ (side chain) hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-022-1ML
(±)-4-Fluoroephedrine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-027-1ML
(±)-2-Fluoromethamphetamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-021-1ML
(±)-3-Fluoromethamphetamine hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	F-034-1ML
(±)-4-Fluoromethamphetamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-020-1ML
(±)-2-Fluoromethamphetamine- <i>D</i> ₅ (side chain) hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-025-1ML
(±)-4-Fluoromethamphetamine- <i>D</i> ₅ (side chain) hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-024-1ML

Selected Certified Reference Materials
Drugs, Metabolites & Impurities

* Name	Catalog Number
3-Fluoromethcathinone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-016-1ML
4-Fluoromethcathinone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-015-1ML
(±)-3-Fluoromethcathinone Ephedrine Metabolite hydrochloride solution, 1.0 mg/mL in methanol (as free base), certified reference material	F-039-1ML
5-Fluoro PB-22 solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	S-075-1ML
(±)-3-Fluorophenmetrazine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-042-1ML
4-Fluorotropacocaine hydrochloride solution, 1.0 mg/mL in acetonitrile: water (9:1) (as free base), ampule of 1 mL, certified reference material	F-026-1ML
Fluoxetine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-918-1ML
Fluoxetine-D ₆ , 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-919-1ML
Fluoxetine-D ₆ oxalate solution, 1.0 mg/mL in methanol (as free base), certified reference material	F-038-1ML
Fluoxymesterone solution, 1.0 mg/mL in 1,2-dimethoxyethane, ampule of 1 mL, certified reference material	F-909-1ML
Fluphenazine dihydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	F-903-1ML
Flurazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	F-003-1ML
Flurazepam solution	F-044-1ML
Fluvoxamine maleate, 1.0 mg/mL in methanol ((as free base)), certified reference material	F-040-1ML
2C-B-FLY hydrochloride solution, 1 mg/mL in acetonitrile: water (9:1), ampule of 1 mL, certified reference material	C-122-1ML
2C-B-FLY-D ₄ hydrochloride solution, 100 µg/mL in acetonitrile: water (9:1) ((as free base)), ampule of 1 mL, certified reference material	C-133-1ML
Furosemide solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	F-005-1ML
Gabapentin solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	G-007-1ML
Gabapentin solution, 10 mg/mL in methanol, ampule of 1 mL, certified reference material	G-021-1ML
Gabapentin- ¹³ C ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	G-018-1ML
Gabapentin-D ₁₀ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	G-901-1ML
Gabapentin-D ₁₀ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	G-017-1ML
Ganciclovir, 1.0 mg/mL (1% 1M HCl in Methanol), certified reference material	G-020-1ML
GHB sodium salt solution, 1.0 mg/mL in methanol (as salt), ampule of 1 mL, certified reference material	G-001-1ML
GHB-d ₆ sodium salt solution, 1.0 mg/mL in methanol (as salt), ampule of 1 mL, certified reference material	G-006-1ML
GHB-d ₆ sodium salt solution, 100 µg/mL in methanol (as salt), ampule of 1 mL, certified reference material	G-003-1ML
Glutethimide solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	G-005-1ML
Haloperidol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-030-1ML
Haloperidol-D ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-002-1ML
Heroin solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	H-038-1ML
Heroin-D ₉ solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	H-037-1ML

* Name	Catalog Number
Heroin-D ₉ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	H-036-1ML
Hexobarbital solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-013-1ML
HU-210 solution, 100 µg/mL in methanol, ampule of 1 mL, (Spice Cannabinoid), certified reference material	S-024-1ML
Hydrochlorothiazide solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-001-1ML
Hydrocodone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-003-1ML
Hydrocodone-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-008-1ML
Hydrocodone-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-070-1ML
Hydrocodone-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-005-1ML
Hydrocodone-D ₆ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-048-1ML
Hydrocodone-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-047-1ML
Hydromorphone solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	H-004-1ML
Hydromorphone-D ₃ solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	H-010-1ML
Hydromorphone-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-006-1ML
Hydromorphone-D ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-078-1ML
Hydromorphone-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-049-1ML
Hydromorphone-D ₆ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-050-1ML
Hydromorphone-3-β-σ-glucuronide, 100 µg/mL in methanol: water (1:1), ampule of 1 mL, certified reference material	H-051-1ML
m-Hydroxybenzoylcgonine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-017-1ML
(±)-Hydroxybupropion solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	H-066-1ML
(±)-Hydroxybupropion-D ₆ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	H-062-1ML
o-Hydroxycocaine solution	H-121-1ML
m-Hydroxycocaine solution	H-119-1ML
p-Hydroxycocaine solution	H-120-1ML
18-Hydroxycorticosterone solution, 100 µg/mL in acetonitrile: water (9:1), certified reference material	H-106-1ML
trans-3'-Hydroxycotinine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-101-1ML
trans-3'-Hydroxycotinine-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-108-1ML
4'-Hydroxydiclofenac solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	H-052-1ML
4'-Hydroxydiclofenac- ¹³ C ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-053-1ML
2-Hydroxyethylflurazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	F-902-1ML
2-Hydroxyethylflurazepam solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	F-901-1ML
2-Hydroxyethylflurazepam-d ₄ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-923-1ML
2-Hydroxyethylflurazepam-d ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-919-1ML
Hydroxy Iloperidone solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-104-1ML
5-Hydroxyindole-4,6,7-D ₃ -3-acetic-D ₂ Acid solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-093-1ML
Hydroxyitraconazole, 100 µg/mL in methanol, certified reference material	H-110-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Drugs, Metabolites & Impurities

* Name	Catalog Number
Hydroxyitraconazole-D ₄ , 100 µg/mL in methanol, certified reference material	H-111-1ML
4-Hydroxy-3-methoxyphenyl-D ₃ -acetic-D ₂ Acid solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-092-1ML
α-Hydroxymidazolam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-922-1ML
α-Hydroxymidazolam solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-902-1ML
α-Hydroxymidazolam-d ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-921-1ML
7-Hydroxymitragynine solution, 100 µg/mL in methanol with 0.1N NH ₃ , ampule of 1 mL, certified reference material	H-099-1ML
7-Hydroxymitragynine-D ₃ solution, 100 µg/mL in methanol with 0.1N NH ₃ , ampule of 1 mL, certified reference material	H-109-1ML
10-Hydroxymorphine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	IMPM-005-05-1ML
10-Hydroxynaltrexone solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	IMPN-007-02-1ML
6α/β-Hydroxyoxymorphone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-097-1ML
6α/β-Hydroxyoxymorphone-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-098-1ML
3-Hydroxyphenazepam solution, 1.0 mg/mL in acetonitrile, certified reference material	H-113-1ML
3-Hydroxyphenazepam-D ₄ solution, 100 µg/mL in acetonitrile, certified reference material	H-114-1ML
17α-Hydroxypregnenolone solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-105-1ML
17α-Hydroxyprogesterone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-085-1ML
17α-Hydroxyprogesterone-2,3,4- ¹³ C ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-100-1ML
17α-Hydroxyprogesterone-d ₈ (2,2,4,6,6,21,21,21-d ₈), 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-096-1ML
7-Hydroxyquetiapine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-081-1ML
9-Hydroxyrisperidone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-076-1ML
9-Hydroxyrisperidone-D ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-095-1ML
3'-Hydroxystanozolol-D ₃ , vial of 5 mg, certified reference material	S-070-5MG
6β-Hydroxytestosterone solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-059-1ML
6β-Hydroxytestosterone-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-034-1ML
(±)-11-Hydroxy-Δ ⁹ -THC solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	H-027-1ML
(±)-11-Hydroxy-Δ ⁹ -THC solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-026-1ML
(±)-11-Hydroxy-Δ ⁹ -THC-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-041-1ML
4-Hydroxytolbutamide solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	H-054-1ML
α-Hydroxytriazolam solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-915-1ML
α-Hydroxytriazolam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-911-1ML
α-Hydroxytriazolam-d ₄ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-916-1ML
α-Hydroxytriazolam-d ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-909-1ML
3- <i>epi</i> -25-Hydroxyvitamin D ₃ solution, 50 µg/mL in ethanol, certified reference material	E-086-1ML
25-Hydroxyvitamin D ₂ solution, 50 µg/mL in ethanol, ampule of 1 mL, certified reference material	H-073-1ML

* Name	Catalog Number
25-Hydroxyvitamin D ₂ solution, 5 µg/mL in ethanol, ampule of 1 mL, certified reference material	H-087-1ML
D ₆ -25-Hydroxyvitamin D ₃ (26,26,26,27,27,27-D ₆) solution, 50 µg/mL in ethanol, ampule of 1 mL, certified reference material	H-074-1ML
25-Hydroxyvitamin D ₃ solution, 5 µg/mL in ethanol, ampule of 1 mL, certified reference material	H-086-1ML
25-Hydroxyvitamin D ₃ solution, 100 µg/mL in ethanol, ampule of 1 mL, certified reference material	H-083-1ML
Hydroxyzine dihydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	H-124-1ML
Ibuprofen solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	I-009-1ML
Ibuprofen-D ₃ solution, 100 µg/mL in methanol, certified reference material, ampule of 1 mL	I-032-1ML
Iloperidone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	I-011-1ML
Iloperidone- ¹³ C ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	I-013-1ML
iMethod Test Kit for Benzodiazepines, kit of 22 × 1 mL ampules, certified reference material	IMF-020-1KIT
iMethod Test Kit for Benzodiazepines with Synthetic Urine, kit of 23 × 1.0 mL ampules, certified reference material	IMF-020S-1KIT
iMethod Test Kit for NIDA 5 Drug Panel, kit of 16 × 1.0 mL ampules, certified reference material	IMF-021-1KIT
iMethod Test Kit for NIDA 5 Drug Panel with Synthetic Urine, kit of 17 × 1.0 mL ampules, certified reference material	IMF-021S-1KIT
Imipramine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	I-902-1ML
Imipramine-D ₃ maleate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	I-903-1ML
Interference Mix 1 (For Qualitative Use Only), 100-1,000 µg/mL each component in methanol, analytical standard	I-023-1ML
Interference Mix 2 (For Qualitative Use Only), 100 µg/µL each component in methanol, analytical standard	I-024-1ML
Interference Mix 3 (For Qualitative Use Only), 50-1000 µg/mL each component in acetonitrile, analytical standard	I-025-1ML
Interference Mix 4 (For Qualitative Use Only), 5-100 µg/mL each component in methanol	I-026-1ML
Interference Mix 5 (For Qualitative Use Only), 100 µg/mL each component in methanol	I-027-1ML
Interference Mix 6 (For Qualitative Use Only), 5-100 µg/mL each component in methanol	I-028-1ML
Interference Mix 7 (For Qualitative Use Only), 50-100 µg/mL each component in methanol	I-029-1ML
(±)-5-Iodo-2-aminoindane hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	I-014-1ML
4-Iodo-2,5-dimethoxyphenethylamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	I-012-1ML
4-Iodo-2,5-dimethoxyphenethylamine- ¹³ C ₃ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	I-018-1ML
Itraconazole solution, 2.0 mg/mL (Methanol with 1% 1M HCl), ampule of 1 mL, certified reference material	I-015-1ML
Itraconazole-D ₄ solution, 1.0 mg/mL in methanol (with 1% 1M HCl), certified reference material	I-021-1ML
JWH-018 solution, 100 µg/mL in methanol, ampule of 1 mL, (Spice Cannabinoid), certified reference material	S-025-1ML
JWH-018 4-Hydroxypentyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-035-1ML
JWH-018 5-Hydroxypentyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-054-1ML

Selected Certified Reference Materials
Drugs, Metabolites & Impurities

* Name	Catalog Number
JWH-018 4-Hydroxypentyl metabolite-D ₅ (indole-D ₅) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-039-1ML
JWH-018 5-Pentanoic acid metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-033-1ML
JWH-019 5-Hydroxyhexyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-044-1ML
JWH-019 6-Hydroxyhexyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-043-1ML
JWH-073 solution, 100 µg/mL in acetonitrile, ampule of 1 mL, (Spice Cannabinoid), certified reference material	S-027-1ML
JWH-073 4-Butanoic acid metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-036-1ML
JWH-073 3-Hydroxybutyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-037-1ML
JWH-073 4-Hydroxybutyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-053-1ML
JWH-073 3-Hydroxybutyl metabolite-D ₅ (indole-D ₅) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-040-1ML
JWH-122 4-Hydroxypentyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-049-1ML
JWH-122 4-Hydroxypentyl metabolite-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-056-1ML
JWH-122 5-Hydroxypentyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-050-1ML
JWH-210 4-Hydroxypentyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-052-1ML
JWH-210 4-Hydroxypentyl metabolite-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-057-1ML
JWH-210 5-Hydroxypentyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-051-1ML
JWH-250 4-Hydroxypentyl metabolite, ampule of 1 mL, certified reference material, 100 µg/mL in methanol	S-046-1ML
JWH-250 4-Hydroxypentyl metabolite-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-055-1ML
JWH-250 5-Hydroxypentyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-045-1ML
Ketamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	K-002-1ML
Ketamine-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	K-003-1ML
Ketamine-D ₄ hydrochloride solution, 1.0 mg/mL in methanol (as free base), certified reference material	K-006-1ML
Ketoconazole solution, 2.0 mg/mL in methanol, ampule of 1 mL, certified reference material	K-004-1ML
Ketoconazole-D ₄ solution, 1.0 mg/mL in methanol, certified reference material	K-005-1ML
10-Ketonaltraxone solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	IMPN-007-03-1ML
Lacosamide solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	L-029-1ML
Lacosamide- ¹³ C, D ₃ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	L-027-1ML
Lacosamide- ¹³ C, D ₃ solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	L-032-1ML
Lamivudine, 1.0 mg/mL in methanol, certified reference material	L-037-1ML

* Name	Catalog Number
Lamotrigine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	L-019-1ML
Lamotrigine- ¹³ C, ¹⁵ N ₄ solution, 500 µg/mL in methanol, ampule of 1 mL, certified reference material	L-022-1ML
LAMPA solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	L-004-1ML
(-)-Levamisole hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	L-025-1ML
Levetiracetam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	L-020-1ML
Levetiracetam-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	L-023-1ML
Levetiracetam-D ₆ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	L-031-1ML
Levofloxacin solution, 1.0 mg/mL in acetonitrile, certified reference material	L-038-1ML
Levomethorphan, vial of 10 mg, certified reference material	L-010-10MG
Levorphanol-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	L-034-1ML
Lidocaine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	L-018-1ML
Linoleic acid, 2.0 mg/mL in ethanol, certified reference material	L-040-1ML
Lisdexamfetamine-D ₄ dimesylate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	L-028-1ML
Lisdexamfetamine dimesylate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	L-026-1ML
Lithocholic acid, 50 µg/mL in methanol, certified reference material	L-042-1ML
Lofepamine hydrochloride, 1.0 mg/mL in methanol (with 1% 1 M HCL; as free base), certified reference material	L-041-1ML
Lorazepam solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	L-901-1ML
Lorazepam-d ₄ solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	L-911-1ML
Lorazepam-d ₄ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	L-902-1ML
Lorazepam glucuronide solution, 100 µg/mL in acetonitrile: water (1:1), ampule of 1 mL, certified reference material	L-021-1ML
Lormetazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	L-907-1ML
LSD solution, 25 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	L-005-1ML
LSD solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	L-001-1ML
LSD-D ₃ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	L-002-1ML
Lurasidone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	L-030-1ML
Lurasidone-D ₈ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	L-035-1ML
Lysergic acid 2,4-dimethylazetidine tartrate solution, 100 µg/mL in acetonitrile: water (9:1), ampule of 1 mL, certified reference material	L-043-1ML
MAM2201, 100 µg/mL in methanol, certified reference material	S-091-1ML
MAM2201 4-Hydroxypentyl metabolite, 100 µg/mL in methanol, certified reference material	S-092-1ML
MAM2201 4-Hydroxypentyl metabolite-D ₅ (indole-D ₅), 100 µg/mL in methanol, certified reference material	S-093-1ML
Maprotiline hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-920-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Drugs, Metabolites & Impurities

* Name	Catalog Number
(±)-MBDB hydrochloride, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-102-1ML
(±)-MDA solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-012-1ML
(±)-MDA-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-010-1ML
(±)-MDA-D ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-027-1ML
MDAI hydrochloride solution, 100 µg/mL in acetonitrile: water (9:1) with 5% 1 M HCl (as free base), ampule of 1 mL, certified reference material	M-144-1ML
(±)-MDEA solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-065-1ML
(±)-MDEA-D ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-068-1ML
(±)-MDEA-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-067-1ML
(±)-MDEA-D ₆ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-082-1ML
(±)-MDEA-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-081-1ML
(±)-MDMA solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-013-1ML
(±)-MDMA-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-011-1ML
(±)-MDMA-D ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-029-1ML
MDPBP hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-154-1ML
MDPBP-D ₈ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-175-1ML
MDPPP hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	M-176-1ML
MDPPP-D ₈ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-177-1ML
Melatonin solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-095-1ML
5-MeO-DALT solution, 1.0 mg/mL in acetonitrile, certified reference material	M-165-1ML
5-MeO-DiPT, 1.0 mg/mL in methanol, certified reference material	M-167-1ML
5-MeO-DMT solution, 1.0 mg/mL in methanol, certified reference material	M-168-1ML
5-MeO-MiPT hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	M-166-1ML
Meperidine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-035-1ML
Meperidine-D ₄ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-038-1ML
Meperidine-D ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-036-1ML
Mephedrone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-138-1ML
Mephedrone-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-139-1ML
Meprobamate solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-039-1ML
Meprobamate- ¹³ C ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-178-1ML
Meprobamate-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-181-1ML
Meprobamate-D ₇ (2-methyl-1,3-propanediol-D ₇) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-073-1ML

* Name	Catalog Number
Meprobamate-D ₇ (propyl-D ₇) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-131-1ML
Mescaline hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-047-1ML
Mescaline-d ₉ hydrochloride, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-051-1ML
(±)-Metanephrine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-148-1ML
Metaxalone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-074-1ML
Metaxalone-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-143-1ML
Metformin hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-072-1ML
(±)-Methadone solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-019-1ML
(±)-Methadone solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	M-007-1ML
(±)-Methadone-D ₉ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-089-1ML
(±)-Methadone-D ₉ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-088-1ML
(±)-Methadone-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-021-1ML
(±)-Methadone-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-008-1ML
(±)-Methamphetamine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-022-1ML
(±)-Methamphetamine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-009-1ML
R(-)-Methamphetamine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-024-1ML
S(+)-Methamphetamine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-020-1ML
(±)-Methamphetamine-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-004-1ML
(±)-Methamphetamine-D ₅ solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	M-023-1ML
(±)-Methamphetamine-D ₈ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-034-1ML
(±)-Methamphetamine-D ₈ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-016-1ML
(±)-Methamphetamine-D ₉ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-090-1ML
(±)-Methamphetamine-D ₉ solution, 1 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-091-1ML
(±)-Methamphetamine-D ₁₁ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-060-1ML
(±)-Methamphetamine-D ₁₁ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-059-1ML
(±)-Methamphetamine-D ₁₄ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-093-1ML
(±)-Methamphetamine-D ₁₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-092-1ML
Methamphetamine/Cocaine/Heroin solution, 250 µg/mL each component in acetonitrile, ampule of 1.0 mL, certified reference material	M-025-1ML
Methandienone solution, 1.0 mg/mL in 1,2-dimethoxyethane, ampule of 1 mL, certified reference material	M-912-1ML
Methaqualone solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	M-015-1ML
Methaqualone-D ₇ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-014-1ML
R(+)-Methcathinone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-061-1ML

Selected Certified Reference Materials
Drugs, Metabolites & Impurities

* Name	Catalog Number
S(-)-Methcathinone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-055-1ML
(±)-Methcathinone-D ₃ hydrochloride solution, 100 µg/mL in acetonitrile (as free base), certified reference material	M-189-1ML
Methedrone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-147-1ML
(±)-Methiopropamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-164-1ML
Methohexital-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-079-1ML
Methotrexate solution, 1.0 mg/mL in methanol with 0.1N NaOH, ampule of 1 mL, certified reference material	M-136-1ML
Methotrexate-D ₃ solution, 100 µg/mL in methanol with 0.01N NaOH, ampule of 1 mL, certified reference material	M-153-1ML
Methoxetamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-156-1ML
Methoxetamine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), certified reference material	M-187-1ML
Methoxphenidine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-192-1ML
3-Methoxyphenacyclidine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-162-1ML
4-Methoxyphenacyclidine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-163-1ML
3-Methoxytyramine hydrochloride, 1.0 mg/mL in methanol (as free base), certified reference material	M-171-1ML
3-Methoxytyramine-D ₄ HCl, 100 µg/mL in methanol ((as free base)), certified reference material	M-172-1ML
3,4-Methylenedioxypropylvalerone HCl (MDPV) solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-146-1ML
3,4-Methylenedioxypropylvalerone-d ₈ HCl (MDPV-d ₈ HCl) solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-150-1ML
(1R,2S)-(-)-N-Methylephedrine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-129-1ML
(±)-4-Methylephedrine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-158-1ML
(±)-4-Methylephedrine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-160-1ML
4-Methylethcathinone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-155-1ML
(±)-4-Methyl-N-ethyl-norephedrine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-159-1ML
(±)-4-Methyl-N-ethyl-norephedrine-D ₅ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-161-1ML
Methylhexanamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-157-1ML
Methylhexanamine-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-174-1ML
Methylmalonic acid solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-080-1ML
Methyl-D ₃ -malonic acid solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-105-1ML
Methylmalonic acid- ¹³ C ₄ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-173-1ML

* Name	Catalog Number
4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-074-1ML
Methylone hydrochloride, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-140-1ML
Methylone-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-141-1ML
Methylphenidate hydrochloride solution, (Racemic mixture), ampule of 1 mL, 1.0 mg/mL in methanol (as free base), certified reference material	M-083-1ML
(±)-threo-Methylphenidate-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), certified reference material	M-185-1ML
Methylphenidate-d ₃ hydrochloride solution, (Racemic mixture of erythro and threo isomers), ampule of 1 mL, 100 µg/mL in methanol (as free base), certified reference material	M-127-1ML
Methylphenobarbital, 1.0 mg/mL in methanol, certified reference material	M-193-1ML
17 α -Methyltestosterone solution, 1.0 mg/mL in 1,2-dimethoxyethane, ampule of 1 mL, certified reference material	M-906-1ML
Metoprolol tartrate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-123-1ML
Metronidazole solution, 2.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-183-1ML
Metronidazole solution, 1.0 mg/mL in methanol, certified reference material	M-184-1ML
Mianserin hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-919-1ML
Mianserin-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-901-1ML
Midazolam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-908-1ML
Midazolam-d ₄ maleate, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-918-1ML
Milnacipran hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	M-145-1ML
Mirtazapine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-128-1ML
Mitragynine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-152-1ML
Mitragynine-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-182-1ML
Modafinil solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-084-1ML
Modafinil-d ₁₀ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-103-1ML
Modafinil acid, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-142-1ML
Morphine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-030-1ML
Morphine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-005-1ML
Morphine-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-006-1ML
Morphine-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-003-1ML
Morphine-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	M-085-1ML
Morphine-D ₆ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	M-086-1ML
Morphine-3- β -D-glucuronide solution, 100 µg/mL in methanol: water (1:1), ampule of 1 mL, certified reference material	M-018-1ML
Morphine-3- β -D-glucuronide solution, 1 mg/mL in methanol with 0.05% NaOH, ampule of 1 mL, certified reference material	M-031-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Drugs, Metabolites & Impurities

* Name	Catalog Number
Morphine-D ₃ -3-β-D-glucuronide solution, 100 µg/mL in methanol with 0.05% NaOH, ampule of 1 mL, certified reference material	M-017-1ML
Morphine-6-β-D-glucuronide solution, 100 µg/mL in methanol: water (1:1), ampule of 1 mL, certified reference material	M-096-1ML
Morphine-6-β-D-glucuronide solution, 1.0 mg/mL in methanol: water (2:8), ampule of 1 mL, certified reference material	M-046-1ML
Morphine-6-β-D-glucuronide-D ₃ solution, 100 µg/mL in methanol: water (1:1), ampule of 1 mL, certified reference material	M-120-1ML
Morphine N-oxide solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	IMPM-005-01-1ML
MT-45 dihydrochloride solution, 1.0 mg/mL in methanol (as free base), certified reference material	M-188-1ML
Mycophenolic acid solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-106-1ML
Mycophenolic acid-d ₃ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-137-1ML
Mycophenolic acid-d ₃ solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-180-1ML
Mycophenolic acid-β-D-glucuronide solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-135-1ML
Nalbuphine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-051-1ML
Nalbuphine-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-056-1ML
Nalorphine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-924-1ML
6α-Naloxol solution, 1.0 mg/mL in methanol, certified reference material	N-103-1ML
Naloxone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-004-1ML
Naloxone-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-063-1ML
Naloxone-3β-D-glucuronide solution, 1.0 mg/mL in methanol: water (9:1), ampule of 1 mL, certified reference material	N-099-1ML
Naloxone N-oxide solution, 100 µg/mL in acetonitrile: water (1:1), ampule of 1 mL, certified reference material	IMPEN-007-04-1ML
Naloxone-D ₅ -3-β-D-glucuronide solution, 100 µg/mL in methanol: water (9:1), certified reference material, ampule of 1 mL	N-109-1ML
6β-Naltrexol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-038-1ML
6β-Naltrexol-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-081-1ML
6α-Naltrexol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-113-1ML
6β-Naltrexol-3-β-D-glucuronide, 1.0 mg/mL (20% Water in Acetonitrile), certified reference material	N-104-1ML
Naltrexone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-007-1ML
Naltrexone-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-047-1ML
Nandrolone solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	N-050-1ML
Naphyrone hydrochloride, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-067-1ML
Naphyrone-D ₅ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-085-1ML
Naproxen solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-042-1ML
25I-NBF hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	I-020-1ML

* Name	Catalog Number
25I-NBMD hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	I-022-1ML
25I-NBOH hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	I-019-1ML
25B-NBOMe hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	B-061-1ML
25B-NBOMe-D ₃ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	B-062-1ML
25C-NBOMe hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	C-131-1ML
25C-NBOMe-D ₃ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	C-132-1ML
25I-NBOMe hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	I-016-1ML
25I-NBOMe-D ₃ hydrochloride solution, 100 µg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	I-017-1ML
25H-NBOMe hydrochloride solution, 1.0 mg/mL in methanol, certified reference material, ampule of 1 mL	H-115-1ML
Nevirapine solution, 1.0 mg/mL in methanol, certified reference material	N-098-1ML
Nicotinamide- ¹³ C ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	V-034-1ML
S(-)-Nicotine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-008-1ML
(±)-Nicotine-d ₄ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	N-048-1ML
Nicotinic acid- ¹³ C ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	V-035-1ML
Nimetazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-073-1ML
Nitrazepam solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	N-906-1ML
Nitrazepam-d ₅ , 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	N-901-1ML
(S)-N-Nitrosoanabasine (NAB) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-077-1ML
(S)-N-Nitrosoanatabine solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	N-078-1ML
(±)-N'-Nitrosornicotine (NNN) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-075-1ML
4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-076-1ML
Norbuprenorphine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-912-1ML
Norbuprenorphine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-059-1ML
Norbuprenorphine-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-920-1ML
Norbuprenorphine-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-921-1ML
Norbuprenorphine glucuronide solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-045-1ML
Norbuprenorphine glucuronide-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-097-1ML
(±)-cis-11-Nor-9-carboxy-Δ ⁹ -THC-D ₃ glucuronide solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-080-1ML
Norchlordiazepoxide solution, 1.0 mg/mL (20% DMSO in acetonitrile), ampule of 1 mL, certified reference material	N-100-1ML

Selected Certified Reference Materials
Drugs, Metabolites & Impurities

* Name	Catalog Number
Norchlordiazepoxide-D ₅ solution, 100 µg/mL (10% DMSO in Acetonitrile), ampule of 1 mL, certified reference material	N-101-1ML
Norcocaine hydrochloride solution, 1.0 mg/mL in acetonitrile (as free base), ampule of 1 mL, certified reference material	N-003-1ML
Norcocaine-d ₃ hydrochloride, 100 µg/mL in acetonitrile (as free base), ampule of 1 mL, certified reference material	N-034-1ML
Norcodeine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-005-1ML
Norcodeine-d ₃ , 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-082-1ML
(R,S)-Norcotinine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-079-1ML
(R,S)-Norcotinine- ¹³ C ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-095-1ML
Nordiazepam solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	N-905-1ML
Nordiazepam-d ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-903-1ML
Nordiazepam-d ₅ solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	N-911-1ML
(±)-Norephedrine-d ₃ hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-043-1ML
(±)-Norepinephrine-D ₆ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-069-1ML
Norethandrolone solution, 1.0 mg/mL in 1,2-dimethoxyethane, ampule of 1 mL, certified reference material	N-914-1ML
Norfentanyl oxalate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-031-1ML
Norfentanyl-D ₅ oxalate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-055-1ML
Norfentanyl-D ₅ oxalate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-030-1ML
Norfluoxetine oxalate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-923-1ML
Norfluoxetine-D ₆ oxalate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-922-1ML
Norfluoxetine-D ₆ oxalate solution, 1.0 mg/mL in methanol (as free base), certified reference material	N-102-1ML
Norhydrocodone-d ₃ hydrochloride, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-054-1ML
Norhydrocodone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-053-1ML
(±)-Norketamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-036-1ML
(±)-Norketamine-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-037-1ML
Normeperidine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-017-1ML
Normeperidine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-089-1ML
Normeperidine-D ₄ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-083-1ML
Normeperidine-D ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-020-1ML
(±)-Normetanephrine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-068-1ML

* Name	Catalog Number
Normorphine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-006-1ML
(±)-Nornicotine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	N-071-1ML
(±)-Nornicotine-d ₄ , 100 µg/mL in methanol, ampule of 1 mL, certified reference material	N-072-1ML
Noroxycodone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-011-1ML
Noroxycodone-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-032-1ML
Noroxycodone-D ₃ hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-033-1ML
Noroxymorphone hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-013-1ML
Noroxymorphone hydrochloride solution, 1.0 mg/mL in methanol: DMSO (80:20) (as free base), ampule of 1 mL, certified reference material	N-012-1ML
(+)-Norpropoxyphene maleate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-913-1ML
(±)-Norpropoxyphene-d ₅ maleate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-919-1ML
(±)-Norpropoxyphene-d ₅ maleate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-904-1ML
(+)-Norpseudoephedrine hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-046-1ML
(±)-Norpseudoephedrine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-087-1ML
Norquetiapine hydrochloride, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-070-1ML
Norsertaline hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-049-1ML
Norsertaline- ¹³ C ₆ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-084-1ML
(+)-11-Nor-Δ ⁹ -THC-9-carboxylic acid glucuronide solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material (Not to be used for immunoassay)	T-038-1ML
Nortilidine hydrochloride, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-061-1ML
Nortilidine-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-062-1ML
Nortriptyline hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-907-1ML
Nortriptyline-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-902-1ML
Nortriptyline-D ₃ hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	N-090-1ML
Olanzapine solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	O-024-1ML
Olanzapine-d ₈ , 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	O-035-1ML
Omeprazole solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	O-021-1ML
Opiate Multi-component Mixture-5 solution, 250 µg/mL each component in methanol, ampule of 1.0 mL, certified reference material	O-020-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Drugs, Metabolites & Impurities

* Name	Catalog Number
Over-The-Counter Multi-Component Mixture-6 solution, 100 µg/mL in acetonitrile (of each component), ampule of 1 mL, certified reference material	O-034-1ML
Oxazepam solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	O-902-1ML
Oxazepam-d ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	O-901-1ML
Oxazepam-d ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	O-904-1ML
Oxazepam glucuronide solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	O-023-1ML
Oxazepam-d ₅ glucuronide, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	O-038-1ML
Oxcarbazepine solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	O-025-1ML
Oxcarbazepine- ¹³ C ₆ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	O-039-1ML
2-Oxo-3-hydroxy-LSD solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	O-013-1ML
10-Oxomorphine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	IMPM-005-06-1ML
Oxycodone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	O-002-1ML
Oxycodone-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	O-006-1ML
Oxycodone-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	O-005-1ML
Oxycodone-D ₆ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	O-008-1ML
Oxycodone-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	O-007-1ML
Oxycodone-D ₃ (N-methyl-D ₃) solution, 100 µg/mL (Methanol), ampule of 1 mL, certified reference material	O-041-1ML
Oxycodone-D ₃ (N-methyl-D ₃) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	O-042-1ML
Oxymorphone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	O-004-1ML
Oxymorphone-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	O-019-1ML
Oxymorphone-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	O-003-1ML
Oxymorphone-3-β-D-glucuronide solution, 100 µg/mL in methanol: water (1:1), ampule of 1 mL, certified reference material	O-030-1ML
Oxymorphone-D ₃ -3-β-D-glucuronide solution, 100 µg/mL in methanol: water (1:1), ampule of 1 mL, certified reference material	O-031-1ML
Pain Management Multi-component Opiate Mixture-13 solution, 100 µg/mL each component (10 µg/mL Fentanyl), ampule of 1.0 mL, certified reference material	P-071-1ML
Paraxanthine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	IMPC-051-03-1ML
Paroxetine maleate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-916-1ML
Paroxetine-D ₆ maleate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-915-1ML
PB-22 solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	S-076-1ML
PB-22 4-Hydroxypentyl metabolite solution, 100 µg/mL in acetonitrile, certified reference material, ampule of 1 mL	S-094-1ML
PB-22 4-Hydroxypentyl metabolite-D ₅ (indole-D ₅) solution, 100 µg/mL in acetonitrile, certified reference material, ampule of 1 mL	S-095-1ML
PB-22 5-Pentanoic acid metabolite solution, 100 µg/mL in acetonitrile, certified reference material, ampule of 1 mL	S-096-1ML

* Name	Catalog Number
PB-22 5-Pentanoic acid metabolite-D ₅ (indole-D ₅) solution, 100 µg/mL in acetonitrile, certified reference material, ampule of 1 mL	S-097-1ML
PCP (Phencyclidine) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-007-1ML
PCP-D ₅ (Phencyclidine-D ₅) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-006-1ML
PCP-D ₅ (Phencyclidine-D ₅) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	P-003-1ML
Pentazocine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-073-1ML
(±)-Pentazocine- ¹³ C ₃ hydrochloride, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-084-1ML
Pentedrone hydrochloride, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-087-1ML
Pentedrone Norephedrine Metabolite hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-089-1ML
Pentedrone Norephedrine Metabolite-D ₅ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-094-1ML
Pentobarbital solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-010-1ML
Pentobarbital-D ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-013-1ML
Pentobarbital-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	P-009-1ML
Pentylone hydrochloride, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-086-1ML
Pentylone-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-102-1ML
Phenacetin solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-061-1ML
Phenazepam solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-080-1ML
Phenazepam-D ₄ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-093-1ML
Pheniramine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-045-1ML
Phenobarbital solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	P-008-1ML
Phenobarbital-D ₅ (ring) solution, (deuterium label on ring), 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-019-1ML
Phenobarbital-D ₅ (ring) solution, (deuterium label on ring), 100 µg/mL in methanol, ampule of 1 mL, certified reference material	P-018-1ML
Phenobarbital-D ₅ (side chain) solution, (deuterium label on side chain), 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-017-1ML
Phenobarbital-D ₅ (side chain) solution, (deuterium label on side chain), 100 µg/mL in methanol, ampule of 1 mL, certified reference material	P-004-1ML
Phentermine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-023-1ML
Phentermine-d ₅ hydrochloride, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-034-1ML
R(-)-Phenylephrine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-078-1ML
(±)-Phenylephrine-d ₃ hydrochloride solution, 100 µg/mL in methanol with 5% 1 M HCl (as free base), ampule of 1 mL, certified reference material	P-079-1ML
(±)-Phenylpropanolamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-038-1ML
Phenytoin solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-063-1ML
Phenytoin-D ₁₀ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	P-067-1ML

Selected Certified Reference Materials
Drugs, Metabolites & Impurities

* Name	Catalog Number
PMA hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-050-1ML
PMMA hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-051-1ML
Posaconazole solution, 2.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-103-1ML
Posaconazole-D ₄ solution, 1.0 mg/mL in methanol, certified reference material	P-108-1ML
Prazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-906-1ML
Prazepam-d ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	P-905-1ML
Prednisolone solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-121-1ML
Prednisone solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-122-1ML
Pregabalin solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-066-1ML
Pregabalin solution, 10.0 mg/mL in water, ampule of 1 mL, certified reference material	P-120-1ML
Pregabalin- ¹³ C ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	P-106-1ML
Pregabalin-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	P-072-1ML
Pregabalin-D ₆ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-096-1ML
Pregnenolone solution, 100 µg/mL in acetonitrile, certified reference material	P-104-1ML
Primidone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-075-1ML
Progesterone solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-069-1ML
Progesterone-D ₉ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-070-1ML
Promethazine hydrochloride, vial of 25 mg, certified reference material	P-044-25MG
Promethazine hydrochloride solution, 1.0 mg/mL (1% 1 M HCl in Methanol (as free base)), ampule of 1 mL, certified reference material	P-111-1ML
Promethazine-D ₃ hydrochloride, vial of 5 mg, certified reference material	P-910-5MG
Promethazine-D ₃ hydrochloride solution, 100 µg/mL (1% 1 M HCl in Methanol (as free base)), ampule of 1 mL, certified reference material	P-112-1ML
Propofol solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-076-1ML
Propofol-D ₁₇ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	P-077-1ML
Propofol β-D-glucuronide sodium salt, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-082-1ML
(+)-Propoxyphene solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-011-1ML
(±)-Propoxyphene-D ₅ solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-904-1ML
(±)-Propoxyphene-D ₅ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-901-1ML
(±)-Propoxyphene-D ₁₁ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-913-1ML
(±)-Propoxyphene-D ₁₁ solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-914-1ML
Propranolol hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-055-1ML
(±)-Propranolol-D ₇ (ring-D ₇) solution, 100 µg/mL in methanol with 5% 1 M HCl, ampule of 1 mL, certified reference material	P-085-1ML
(±)-N-Propylamphetamine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-083-1ML

* Name	Catalog Number
Protriptyline hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-903-1ML
Protriptyline-d ₃ hydrochloride, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-088-1ML
(R,R)-(-)-Pseudoephedrine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-036-1ML
(S,S)-(+)-Pseudoephedrine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	P-035-1ML
(1S,2S)-(+)-Pseudoephedrine-d ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-056-1ML
Psilocin, vial of 5 mg, certified reference material	P-048-5MG
Psilocin solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-098-1ML
Psilocin-D ₁₀ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-099-1ML
Psilocybin solution, 1.0 mg/mL in acetonitrile: water (1:1), ampule of 1 mL, certified reference material	P-097-1ML
Pyrazolam solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-118-1ML
Pyrovalerone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-081-1ML
α-Pyrrolidinobutylphenone hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	P-110-1ML
α-Pyrrolidinopropylphenone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-100-1ML
α-Pyrrolidinovalerophenone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-090-1ML
α-Pyrrolidinovalerophenone-D ₈ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	P-101-1ML
Quetiapine fumarate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	Q-001-1ML
Quetiapine-D ₈ hemifumarate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	Q-002-1ML
Ractopamine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	R-017-1ML
Ramelteon solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	R-016-1ML
Remifentanyl hydrochloride solution, 100 µg/mL in methanol (as free base), certified reference material	R-024-1ML
Remifentanyl hydrochloride solution, 100 µg/mL in acetonitrile, certified reference material	R-026-1ML
Retigabine solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	R-018-1ML
Retigabine-D ₄ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	R-019-1ML
Retinol solution, 100 µg/mL ± 25% (Refer to COA) (Ethanol with 0.1% (w/v) BHT), ampule of 1 mL, certified reference material	V-011-1ML
Retinyl acetate solution, 100 µg/mL in ethanol (with 0.1% (w/v) BHT; degassed), certified reference material	V-040-1ML
Retinyl palmitate solution, 100 µg/mL (Ethanol with 0.1% (w/v) BHT), ampule of 1 mL, certified reference material	V-012-1ML
Risperidone solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	R-006-1ML
Risperidone-D ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	R-013-1ML
Ritalinic acid hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	R-011-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Drugs, Metabolites & Impurities

* Name	Catalog Number
(±)-threo-Ritalinic acid-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), certified reference material	R-025-1ML
(±)-threo-Ritalinic acid-d ₁₀ hydrochloride, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	R-014-1ML
(±)-threo-Ritalinic acid-D ₁₀ hydrochloride solution, 1.0 mg/mL in methanol (as free base), certified reference material	R-027-1ML
Ritonavir solution, 1.0 mg/mL in acetonitrile, certified reference material	R-022-1ML
Rufinamide solution, 1.0 mg/mL in acetonitrile: water (9:1), certified reference material	R-023-1ML
Salvinorin A solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	S-012-1ML
Salvinorin B solution, 1.0 mg/mL in acetonitrile: water (9:1), ampule of 1 mL, certified reference material	S-013-1ML
Secobarbital solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	S-002-1ML
Secobarbital-D ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	S-048-1ML
Secobarbital-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-001-1ML
R(-)-Selegiline solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	S-003-1ML
Selegiline-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-004-1ML
Sertraline hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	S-021-1ML
Sertraline-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	S-026-1ML
Sibutramine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	S-011-1ML
Sildenafil solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	S-010-1ML
Sirolimus solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	S-015-1ML
Spice Cannabinoid Mix solution, 100 µg/mL each component in acetonitrile, ampule of 1.0 mL, certified reference material	S-038-1ML
Spice Cannabinoid Mix 2 solution, 100 µg/mL each component in acetonitrile, ampule of 1.0 mL, certified reference material	S-041-1ML
Spice Cannabinoid Mix 3 solution, 100 µg/mL each component in acetonitrile, ampule of 1 mL, certified reference material	S-047-1ML
Stanozolol solution, 1.0 mg/mL in 1,2-dimethoxyethane, ampule of 1 mL, certified reference material	S-906-1ML
Stanozolol-D ₃ solution, 100 µg/mL in 1,2-dimethoxyethane, ampule of 1 mL, certified reference material	S-910-1ML
Sufentanil-D ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-018-1ML
Sufentanil Citrate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	S-008-1ML
Surine™ Negative Urine Control, bottle of 50 mL	S-020-50ML
Tacrolimus solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	T-049-1ML
Tadalafil solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	T-072-1ML
Tapentadol hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-058-1ML
Tapentadol-D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-059-1ML
Tapentadol-β-D-glucuronide solution, 100 µg/mL in acetonitrile: water, ampule of 1 mL, certified reference material	T-060-1ML

* Name	Catalog Number
Tapentadol-D ₃ -β-D-glucuronide solution, 100 µg/mL in acetonitrile: water, ampule of 1 mL, certified reference material	T-067-1ML
Tapentadol-O-sulfate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-061-1ML
Taurocholic acid sodium salt, 500 µg/mL in methanol (as free sulfate), certified reference material	T-110-1ML
Temazepam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-907-1ML
Temazepam-d ₅ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-912-1ML
Temazepam-d ₅ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-902-1ML
Temazepam glucuronide lithium salt solution, 100 µg/mL in methanol (as free acid), ampule of 1 mL, certified reference material	T-050-1ML
Testosterone solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	T-037-1ML
Testosterone-2,3,4- ¹³ C ₃ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	T-070-1ML
Testosterone-d ₃ (16, 16, 17-d ₃) solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	T-046-1ML
exo-THC solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-033-1ML
(-)-Δ ⁸ -THC solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-032-1ML
(-)-Δ ⁹ -THC solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-005-1ML
(±)-Δ ⁹ -THC solution, 100 µg/mL in heptane, ampule of 1 mL, analytical standard (for Qualitative Use only)	T-047-1ML
(-)-Δ ⁹ -THC-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-011-1ML
(-)-Δ ⁹ -THC-D ₃ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-003-1ML
Thebaine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-116-1ML
Theobromine solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-013-1ML
Theophylline solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	IMPC-051-01-1ML
Thioridazine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-905-1ML
Thyroglobulin (Lys- ¹³ C ₆ , ¹⁵ N ₂ ; Arg- ¹³ C ₆ , ¹⁵ N ₄), 10 µg/mL (in SigMatrix Serum Diluent), certified reference material	T-109-100UL
L-Thyroxine (T ₄) solution, 100 µg/mL in methanol with 0.1N NH ₃ , ampule of 1 mL, certified reference material	T-073-1ML
L-Thyroxine- ¹³ C ₆ solution, 100 µg/mL in methanol with 0.1N NH ₃ , ampule of 1 mL, certified reference material	T-076-1ML
Tiagabine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-081-1ML
Tiagabine-D ₆ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-082-1ML
Tilidine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-068-1ML
Tilidine-D ₆ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-069-1ML
Tizanidine hydrochloride, 500 µg/mL in methanol, certified reference material	T-085-1ML
Topiramate solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-039-1ML
Topiramate-D ₁₂ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-041-1ML
Tox Screen Test Kit	T-062-1KIT

Selected Certified Reference Materials
Drugs, Metabolites & Impurities

* Name	Catalog Number
cis-Tramadol hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-027-1ML
Tramadol- ¹³ C, D ₃ hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-020-1ML
Tramadol- ¹³ C, D ₃ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-029-1ML
Trazodone hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-030-1ML
Trazodone-D ₆ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-079-1ML
17β-Trenbolone solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	T-043-1ML
Triazolam solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-910-1ML
Triazolam-d ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	T-908-1ML
Trifluoperazine dihydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-117-1ML
3-Trifluoromethylphenylpiperazine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-045-1ML
3-Trifluoromethylphenylpiperazine (TFMPP)-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-920-1ML
3,3',5-Triiodo-L-thyronine (T ₃) solution, 100 µg/mL in methanol with 0.1N NH ₃ , ampule of 1 mL, certified reference material	T-074-1ML
3,3',5'-Triiodo-L-thyronine- ¹³ C ₆ solution, 100 µg/mL in methanol with 0.1N NH ₃ , ampule of 1 mL, certified reference material	T-078-1ML
3,3',5-Triiodo-L-thyronine- ¹³ C ₆ solution, 100 µg/mL in methanol with 0.1N NH ₃ , ampule of 1 mL, certified reference material	T-077-1ML
3,3',5'-Triiodo-L-thyronine (Reverse T ₃) solution, 100 µg/mL in methanol with 0.1N NH ₃ , ampule of 1 mL, certified reference material	T-075-1ML
Trimipramine solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	T-904-1ML
Trimipramine-D ₃ maleate solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	T-071-1ML
UR-144 solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-062-1ML
UR-144 4-Hydroxypentyl metabolite, certified reference material	S-089-1ML
UR-144 5-Hydroxypentyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-077-1ML
UR-144 5-Hydroxypentyl metabolite-D ₅ (indole-D ₅) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-079-1ML
UR-144 5-Pentanoic acid metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-078-1ML
UR-144 5-Pentanoic acid metabolite-D ₅ (indole-D ₅), 100 µg/mL in methanol, certified reference material	S-090-1ML
Ursodeoxycholic acid, 500 µg/mL in methanol, certified reference material	U-001-1ML
Ursodeoxycholic acid-D ₄ , 100 µg/mL in methanol, certified reference material	U-002-1ML
Valproic acid solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-006-1ML
Vardenafil dihydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	V-902-1ML
Venlafaxine hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	V-004-1ML

* Name	Catalog Number
Venlafaxine-D ₆ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	V-009-1ML
Venlafaxine-D ₆ hydrochloride solution, 1.0 mg/mL in methanol ((as free base)), ampule of 1 mL, certified reference material	V-037-1ML
Verapamil hydrochloride solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	V-002-1ML
Vigabatrin solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-022-1ML
Vilazodone hydrochloride solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-023-1ML
Vitamin D2 solution, 1 mg/mL in ethanol, ampule of 1 mL, certified reference material	V-024-1ML
Vitamin D3 solution, 1 mg/mL in ethanol, ampule of 1 mL, certified reference material	V-025-1ML
Vitamin K2-(MK-7), 100 µg/mL in acetonitrile, certified reference material	V-044-1ML
Voriconazole solution, 2.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-032-1ML
(±)-Voriconazole-D ₃ solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-036-1ML
Warfarin solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	W-003-1ML
XLR-11 solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-061-1ML
XLR-11 4-Hydroxypentyl metabolite solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	S-080-1ML
Zaleplon solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	Z-004-1ML
Zidovudine solution, 1.0 mg/mL in methanol, certified reference material	Z-011-1ML
Ziprasidone solution, 1.0 mg/mL in 1,2-dimethoxyethane, ampule of 1 mL, certified reference material	Z-002-1ML
Zolpidem solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	Z-017-1ML
Zolpidem tartrate solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	Z-901-1ML
Zolpidem-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	Z-001-1ML
Zolpidem-D ₇ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	Z-008-1ML
Zolpidem phenyl-4-carboxylic acid solution, 500 µg/mL in acetonitrile: water (1:1), ampule of 1 mL, certified reference material	Z-007-1ML
Zolpidem Phenyl-4-carboxylic acid-D ₄ solution, 100 µg/mL in acetonitrile: water, certified reference material, ampule of 1 mL	Z-012-1ML
Zonisamide solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	Z-005-1ML
Zonisamide- ¹³ C ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	Z-006-1ML
Zopiclone solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	Z-003-1ML
Zopiclone-D ₄ solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	Z-902-1ML
Zopiclone-N-oxide solution, 100 µg/mL (Methanol with 1% 1 M HCl), ampule of 1 mL, certified reference material	Z-013-1ML
Zopiclone-N-Oxide-D ₄ solution, 100 µg/mL in methanol (with 1% 1M HCl), certified reference material	Z-014-1ML
(+)-4-Hydroxy-3-methoxymandelic Acid-D ₃ (ring-D ₃) solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	H-091-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Environmental Standards: Air Monitoring

Environmental Standards

Air Monitoring

* Name	Catalog Number
Acetaldehyde-2,4-DNPH solution, certified reference material, 1000 µg/mL in acetonitrile, ampule of 1 mL	CRM47340
Acetaldehyde-2,4-DNPH solution, certified reference material, 1000 µg/mL in acetonitrile (as the aldehyde), ampule of 5 × 1 mL	CRM4M7340
Acetone- 2,4-DNPH solution, certified reference material, 1000 µg/mL in acetonitrile, ampule of 1 mL	CRM47341
Acetone- 2,4-DNPH solution, certified reference material, 1000 µg/mL in acetonitrile, ampule of 5 × 1 mL	CRM4M7341
Acrolein-DNPH solution, certified reference material, 1000 µg/mL in acetonitrile (as the aldehyde), ampule of 1 mL	CRM47342
Aldehyde-DNPH Mix, certified reference material, in acetonitrile (varied conc.)	CRM40886
Aldehyde/Ketone-DNPH Stock Standard-13, certified reference material, 15 µg/mL each component	CRM44933
Benzaldehyde-DNPH solution, certified reference material, 100 µg/mL in acetonitrile (as the aldehyde), ampule of 1 mL	CRM47343
2-Butanone-DNPH solution, certified reference material, 100 µg/mL in acetonitrile (as the ketone), ampule of 1 mL	CRM47344
Butyraldehyde-DNPH solution, certified reference material, 1000 µg/mL in acetonitrile (as the aldehyde), ampule of 1 mL	CRM47345
CARB Carbonyl-DNPH Mix 1, certified reference material, in acetonitrile (varied conc.), ampule of 1 mL	CRM47649
CARB Method 1004 DNPH Mix 2, certified reference material, 30 µg/mL in acetonitrile (as the aldehydes & ketones), ampule of 1 × 1 mL	CRM47651
Carbonyl-DNPH Mix 1, certified reference material, in acetonitrile (varied conc.), ampule of 1 × 1 mL	CRM47672
Carbonyl-DNPH Mix 2, certified reference material, in acetonitrile (as aldehydes and ketones; varied conc.), ampule of 1 mL	CRM47671
48 Component Indoor Air Standard, certified reference material, 1000 µg/mL each component in methanol: water (19:1), ampule of 1 mL	40353-U
Crotonaldehyde-DNPH solution, certified reference material, TraceCERT [®] , 100 µg/mL in acetonitrile (as the aldehyde), ampule of 1 mL	CRM47175
Cyclohexanone-DNPH solution, certified reference material, 500 µg/mL in acetonitrile (as the ketone), ampule of 1 mL	CRM47673
DBA Isocyanate Monomers Mix, certified reference material, in acetone (varied concentration), ampule of 1 mL	CRM40569
DBA-d ₉ Monomers Internal Standard Mix, certified reference material, in acetone (varied concentration), ampule of 1 mL	CRM40570
EPA TO-11A Six Component Carbonyl-DNPH Mix	CRM48149
Ethyl acetate/Butyl acetate solution, certified reference material, 1000 µg/mL each component in acetonitrile	40369-U
Glutaraldehyde-2,4-DNPH solution, certified reference material, 100 µg/mL in acetonitrile (as aldehyde equivalent), ampule of 1 mL	CRM47564
HDI-DBA Oligomers Standard, certified reference material, in methanol (varied conc.), ampule of 1 × 1 mL	CRM40589
HDI-DBA-d ₉ Oligomers Standard, certified reference material, in methanol (varied conc.), ampule of 1 × 1 mL	CRM40590
Hexaldehyde-DNPH, certified reference material, 1000 µg/mL in acetonitrile, ampule of 1 mL	CRM47178
4,4'-HMDI-2(di-n-butyl amine) Solution, certified reference material, 100 µg/mL in methanol, ampule of 1 mL	CRM40609

* Name	Catalog Number
4,4'-HMDI-2(di-n-butyl amine-d ₉) Solution, certified reference material, 100 µg/mL in methanol, ampule of 1 mL	CRM40612
Indoor Air Calibration Set, ampule of 2 × 1 mL	40397-U
IPDI-DBA Oligomers Standard, certified reference material, in methanol (varied conc.), ampule of 1 mL	CRM40605
IPDI-DBA-d ₉ Oligomers Standard, certified reference material, in methanol (varied conc.), ampule of 1 mL	CRM40606
Isobutyraldehyde-2,4-DNPH solution, certified reference material, 100 µg/mL in acetonitrile, ampule of 1 mL	CRM47886
Isovaleraldehyde-DNPH solution, certified reference material, 1000 µg/mL in acetonitrile (as the aldehyde equivalent), ampule of 1 mL	CRM47179
MDI-DBA Oligomers Standard, certified reference material, in methanol (varied conc.), ampule of 1 mL	CRM40603
MDI-DBA-d ₉ Oligomers Standard, certified reference material, in methanol (varied conc.), ampule of 1 mL	CRM40604
Methacrolein-2,4-DNPH Solution, certified reference material, 100 µg/mL in acetonitrile, ampule of 1 mL	CRM47180
o-Phthaldialdehyde-(DNPH) ₂ solution, certified reference material, 10 µg/mL in acetonitrile: DMSO (7:3) (as the aldehyde equivalent), ampule of 3 × 2 mL	CRM47032
Propionaldehyde-DNPH solution, certificate of analysis is enclosed in each package., 1000 µg/mL in acetonitrile (as the aldehyde), ampule of 1 mL	CRM47181
m-TMX-diisocyanate-2(di-n-butylamine) solution, certified reference material, TraceCERT [®] , 100 µg/mL in methanol, ampule of 1 mL	CRM40613
m-TMX-diisocyanate-2(di-n-butylamine-d ₉) solution, certified reference material, 100 µg/mL in methanol, ampule of 1 mL	CRM40614
TO11/IP-6A Aldehyde/Ketone-DNPH Mix, certified reference material, 15 µg/mL in acetonitrile (as the aldehyde), ampule of 1 mL	CRM47285
TO11/IP-6A Aldehyde/Ketone-DNPH Mix, certified reference material, 15 µg/mL each component in acetonitrile (as the aldehyde or ketone), ampule of 3 × 1 mL	CRM4M7285
o-Tolualdehyde-DNPH solution, certified reference material, 100 µg/mL in acetonitrile, ampule of 1 mL	CRM47182
m-Tolualdehyde-DNPH solution, certified reference material, 100 µg/mL in acetonitrile (as the aldehyde equivalent), ampule of 1 mL	CRM47183
p-Tolualdehyde-DNPH solution, certified reference material, 100 µg/mL in acetonitrile (as the aldehyde equivalent), ampule of 1 mL	CRM47184
Valeraldehyde-DNPH solution, certified reference material, 100 µg/mL in acetonitrile (as the aldehyde), ampule of 1 mL	CRM47185
VOC Mix, certified reference material, 2000 µg/mL each component in methanol, ampule of 5 mL	CRM40887

Natural Origin

* Name	Catalog Number
Aquatic plant (Cr), BCR [®] certified Reference Material	BCR596-25G
Beechwood (PCP and PAH), BCR [®] certified Reference Material	BCR683-60G
Channel sediment (trace elements), BCR [®] certified Reference Material	BCR320R-40G
Coastal sea water (Hg), BCR [®] certified Reference Material	BCR579-1L
Coastal sediment (butyltins), BCR [®] certified Reference Material	BCR462-25G
Cod liver oil (OCP's), BCR [®] certified Reference Material	BCR598-5G
Duck weed (trace elements), BCR [®] certified Reference Material	BCR670-10G
Estuarine sediment (total Hg and methylmercury), ERM [®] certified Reference Material	ERMCC580-40G
Estuarine sediment (trace elements), BCR [®] certified Reference Material	BCR667-40G

Selected Certified Reference Materials

Environmental Standards: Natural Origin

* Name	Catalog Number
Estuarine water (trace elements), BCR® certified Reference Material	BCR505-1L
Eurosoil 1 (pesticides), IRMM® certified Reference Material	IRMM4431-200G
Eurosoil 2 (pesticides), IRMM® certified Reference Material	IRMM4432-200G
Eurosoil 3 (pesticides), IRMM® certified Reference Material	IRMM4433-200G
Eurosoil 4 (pesticides), IRMM® certified Reference Material	IRMM4434-200G
Eurosoil 5 (pesticides), IRMM® certified Reference Material	IRMM4435-200G
Eurosoil 7 (pesticides), IRMM® certified Reference Material	IRMM4437-200G
Fine dust (PM10-like) (PAH's), ERM® certified Reference Material	ERM CZ100-1VL
Fine dust (PM10-like) (trace elements), ERM® certified Reference Material	ERM CZ120-1VL
Fly ash from pulverised coal (trace elements), BCR® certified Reference Material	BCR038-5G
Fly ash (low level in PCDDs, PCDFs), BCR® certified Reference Material	BCR615-50G
Fly ash (PCDD's, PCDF's), BCR® certified Reference Material	BCR490-30G
Fly ash (trace elements), BCR® certified Reference Material	BCR176R-40G
Freshwater harbour sediment (PAH's), BCR® certified Reference Material	BCR535-40G
Freshwater harbour sediment (PCB's), BCR® certified Reference Material	BCR536-40G
Fresh water (nitrate, high level), BCR® certified Reference Material	BCR480-100ML
Fresh water (nitrate, low level), BCR® certified Reference Material	BCR479-100ML
Freshwater sediment (butyltins), BCR® certified Reference Material	BCR646-40G
Ground water, ERM® certified Reference Material	ERMCA616-95ML
Ground water (Br, high level), BCR® certified Reference Material	BCR612-4X25ML
Ground water (Br, low level), BCR® certified Reference Material	BCR611-4X25ML
Ground water (trace elements), ERM® certified Reference Material	ERMCA615-100ML
Ground water (trace elements, high level), BCR® certified Reference Material	BCR610-500ML
Ground water (trace elements, low level), BCR® certified Reference Material	BCR609-500ML
Hay powder (elements), BCR® certified Reference Material	BCR129-30G
Mussel tissue (PCB's), BCR® certified Reference Material	BCR682-70G
Mussel tissue (trace elements), BCR® certified Reference Material	BCR668-10G
Plankton (trace elements), BCR® certified Reference Material	BCR414-5G
Rice flour (Total As and As species), ERM® certified Reference Material	ERMBC211-10G
River sediment (bioavailable phosphorus), BCR® certified Reference Material	BCR684-35G
Road dust (trace elements), BCR® certified Reference Material	BCR723-25G
Rye Grass, ERM® certified Reference Material	ERMCD281-10G
Sediment (extractable elements), BCR® certified Reference Material	BCR701-1EA
Sewage sludge (content in PCDDs, PCDFs), BCR® certified Reference Material	BCR677-40G
Sewage sludge (industrial origin) (trace elements), BCR® certified Reference Material	BCR146R-40G
Sewage sludge (mixed origin) (trace elements), BCR® certified Reference Material	BCR145R-40G

* Name	Catalog Number
Simulated rain water, ERM® certified Reference Material	ERMCA408-95ML
Urban dust (trimethyllead), BCR® certified Reference Material	BCR605-15G
Waste mineral oil (PCB), BCR® certified Reference Material, low level	BCR420-7.5G
Waste mineral oil (PCB), BCR® certified Reference Material, high level	BCR449-50G
White clover (trace elements), BCR® certified Reference Material	BCR402-25G
Wild berries (bilberries), IRMM® certified Reference Material	IRMM426-100G

Other

* Name	Catalog Number
Aldehyde/Ketone-DNPH Stock Standard-13, 15 µg/mL each component in acetonitrile ((as Aldehyde/ Ketone)), ampule of 1.2 mL, certified reference material	ERA-028-1.2ML
Anthracene, vial of 250 mg, analytical standard	ERA-010-250MG
Benzo[b]fluoranthene, vial of 1 g, analytical standard	SCB-002-1G
Benzo[ghi]perylene, vial of 1 g, analytical standard	SCB-003-1G
Benzo(c)phenanthrene, vial of 25 mg, analytical standard	ERB-040-25MG
δ-BHC, vial of 1 g, analytical standard	SCB-014-1G
Bromdichloroacetic acid, vial of 1 g, analytical standard	SCB-041-1G
2-Butanone (MEK)-DNPH, vial of 1 g, analytical standard	SCB-016-1G
cis-Chlordane, (α isomer), vial of 1 g, analytical standard	SCC-003-1G
trans-Chlordane (gamma-chlordane), (γ isomer), vial of 1 g, analytical standard	SCC-004-1G
Chlorpyrifos solution, certified reference material, TraceCERT®, 1000 µg/mL in methyl tert-butyl ether, ampule of 1 mL	CRM48104
Decachlorobiphenyl, 99%, vial of 1 g, analytical standard	SCD-015-1G
Dibenz(a,h)acridine, vial of 25 mg, analytical standard	ERD-013-25MG
Dibenz(a,j)acridine, vial of 25 mg, analytical standard	ERD-014-25MG
Dibenz[a,h]anthracene, vial of 1 g, analytical standard	SCD-003-1G
Dibenzo[a,h]pyrene, vial of 10 mg, analytical standard	SCD-152-10MG
Dibenzo[a,i]pyrene, vial of 25 mg	ERD-051-25MG
trans-1,3-Dichloropropene, vial of 1 g, analytical standard	SCD-025-1G
Endosulfan I, (alpha isomer), vial of 1 g, 99%, analytical standard	SCE-003-1G
Endrin Aldehyde, 99%, vial of 1 g, analytical standard	SCE-001-1G
Heptachlor epoxide Isomer A solution, certified reference material, 1000 µg/mL in methanol, ampule of 1 mL	CRM48198
2,2',3,3',4,4',5-Heptachlorobiphenyl, 99%, BZ# 170, vial of 100 mg	SCH-041-100MG
2,2',3,4,4',5,5'-Heptachlorobiphenyl, 99%, vial of 250 mg, BZ# 180, analytical standard	SCH-008-250MG
2,2',3,4',5,5',6-Heptachlorobiphenyl, 97%, vial of 100 mg, BZ# 187	SCH-048-100MG
Heptaldehyde-DNPH, vial of 10 mg, analytical standard	ERH-011-10MG
2,2',3,4,4',5'-Hexachlorobiphenyl, 99%, vial of 25 mg, BZ# 138	ERH-022-25MG
2,2',3,4,4',5'-Hexachlorobiphenyl, 99%, BZ# 138, vial of 250 mg, analytical standard	SCH-022-250MG
Human hair (trace elements), ERM® certified Reference Material	ERMDB001-3.5G
Indeno[1,2,3-cd]pyrene, vial of 25 mg, analytical standard	ERI-001-25MG
Indeno[1,2,3-cd]pyrene, vial of 1 g, analytical standard	SCI-001-1G

3: Analytical Applications & Standards

Selected Certified Reference Materials

Environmental Standards: Other

* Name	Catalog Number
Internal Standard-1, 2500 µg/mL each component in methanol, ampule of 1.2 mL, certified reference material	ERS-060-1.2ML
Internal Standards Mixture, 4000 µg/mL each component in methylene chloride, ampule of 1.2 mL, certified reference material	ERS-020-1.2ML
Klebsiella pneumoniae WDCM 00097 Vitroids 200 CFU, certified reference material, for microbiology	RQC03107-10EA
Labeled Stock Standard, µg/mL in methanol (varied conc.), ampule of 1.2 mL, certified reference material	ERP-054-1.2ML
6-Methylchrysene, vial of 100 mg, analytical standard	SCM-041-100MG
trans-Nonachlor, 99%, vial of 1 g, analytical standard	SCN-002-1G
Octachlorostyrene, vial of 1 g, analytical standard	SCO-001-1G
2,3,4,4',5-Pentachlorobiphenyl, BZ# 114, vial of 100 mg	SCP-102-100MG
Petroleum Hydrocarbon Surrogate Solution, µg/mL in methylene chloride (varied conc.), ampule of 5 mL, certified reference material	ERT-091-5ML
Tetramethylenedisulfotetramine solution, 100 µg/mL in acetonitrile, ampule of 1.2 mL, certified reference material	ERT-113S-1.2ML
VOC Calibration Standard, 200 µg/mL each component in methanol, ampule of 1.2 mL, certified reference material	ERS-062-1.2ML
Waste water (trace elements), ERM® certified Reference Material	ERMCA713-100ML

PCB

* Name	Catalog Number
Aroclor 1260, certified reference material, 50 mg/kg in transformer oil, pkg of 1 x 5 mL	CRM48736

Solid Waste

* Name	Catalog Number
1000ppm Cr, 1000ppm Cd, 400ppm As, 2000p, certified reference material	XRF407-100G
100ppm Cr, Cd, Pb, Ag in SiO ₂ , certified reference material	XRF110-100G
100ppm Sb, Ni, Ti, Sn in 2-3%Fe Soil, certified reference material	XRF125-100G
200ppm Cr, 100ppm Cd, Pb, Ag in SiO ₂ , certified reference material	XRF111-100G
250ppm Sb, Ni, Ti, Sn in 2-3%Fe Soil, certified reference material	XRF127-100G
Anions - Clay 1, certified reference material	CRM701-50G
Anions in Soil, certified reference material	SQC013-30G
Anions - Loamy Sand 1, certified reference material, pkg of 50 g	CRM702-50G
Anions - Sandy Loam 1, certified reference material, pkg of 50 g	CRM700-50G
Antimony XRF Standard - 1.0 wt%, certified reference material	XRFOX51-100G
Antimony XRF Standard - 7.60 wt%, certified reference material	XRFOX21-100G
Appendix IX Organochlorine Pesticides Mix, certified reference material, 2000 µg/mL each component in hexane: toluene (1:1), ampule of 1 mL	CRM46960
Aroclor 1016 - Loam 3, certified reference material, pkg of 50 g	CRM922-50G
Aroclor 1242 - Loam, certified reference material, pkg of 50 g	CRM910-50G
Aroclor 1221 - Sandy Loam, certified reference material, pkg of 50 g	CRM919-50G
Aroclor 1242 - Clay Loam, certified reference material, pkg of 50 g	CRM927-50G
Aroclor 1242 - Loamy Sand, certified reference material, pkg of 50 g	CRM917-50G

* Name	Catalog Number
Aroclor 1242 - Sandy Loam, certified reference material, pkg of 50 g	CRM921-50G
Aroclor 1242 - Silt Loam, certified reference material, pkg of 50 g	CRM924-50G
Aroclor 1248 - Loamy Sand, certified reference material, pkg of 50 g	CRM916-50G
Aroclor 1254 - Sandy Loam, certified reference material, pkg of 50 g	CRM913-50G
Aroclor 1254 - Sandy Loam 3, certified reference material, pkg of 50 g	CRM918-50G
Aroclor 1254 - Silt Loam, certified reference material, pkg of 50 g	CRM923-50G
Aroclor 1260-Sandy Loam, certified reference material, pkg of 50 g	CRM915-50G
Aroclor 1260 - Transformer Oil, certified reference material, pkg of 10 g	CRM920-10G
Arsenic Lower Detection Limit Standard, certified reference material	LDL010-50G
Arsenic XRF Standard - 0.49 wt%, certified reference material	XRFOX11-100G
Barium XRF Standard - 2.0 wt%, certified reference material	XRFOX52-100G
Barium XRF Standard - 34.75 wt%, certified reference material	XRFOX02-100G
Barium XRF Standard - 6.32 wt%, certified reference material	XRFOX23-100G
Benzo[a]pyrene solution, certified reference material, TraceCERT®, 1000 µg/mL in acetone	CRM40071
Benzo[a]pyrene solution, certified reference material, TraceCERT®, 200 µg/mL in methylene chloride	CRM48665
Bismuth XRF Standard - 0.62 wt%, certified reference material	XRFOX36-100G
BNAs - Clay Loam 2, pkg of 100 g	CRM131-100G
BNAs in Soil, certified reference material	SQC003-40G
BNAs - Loam 1, certified reference material, pkg of 100 g	CRM114-100G
BNAs - Loamy Sand 1, certified reference material, pkg of 100 g	CRM113-100G
BNAs/Pesticides/Nitroaromatics/Nitrosamine - Sandy Loam 9, certified reference material, pkg of 100 g	CRM107-100G
BNAs - Sandy Loam 1, pkg of 50 g	CRM143-50G
BNAs - Sandy Loam 2, certified reference material, pkg of 100 g	CRM110-100G
BNAs - Sandy Soil 1, pkg of 100 g	CRM122-100G
Bromide XRF Standard - 0.99 wt%, certified reference material	XRFOX35-100G
BTEX - Clay 1, pkg of 30 g	CRM304-30G
BTEX - Clay 2, pkg of 30 g	CRM309-30G
BTEX/GRO - Clay 1, certified reference material, pkg of 30 g	CRM502-30G
BTEX/GRO - Loamy Clay 1, certified reference material, pkg of 30 g	CRM307-30G
BTEX/GRO - Loamy Clay 2, certified reference material, pkg of 30 g	CRM501-30G
BTEX/GRO - Sandy Loam 1, pkg of 30 g	CRM500-30G
BTEX/GRO-Silty Clay 1, certified reference material, pkg of 30 g	CRM504-30G
BTEX/GRO - Soil, pkg of 30 g	CRM513-30G
BTEX - Loamy Sand 1, certified reference material, pkg of 30 g	CRM308-30G
BTEX Mix, High Concentration, certified reference material, 2000 µg/mL each component in methanol, ampule of 1 mL	CRM47993
BTEX Mix, Underground Storage Tank, certified reference material, TraceCERT®, 200 µg/mL each component in methanol	CRM48026
BTEX/MTBE in Soil, certified reference material	SQC025-30G
BTEX/MTBE in Soil, certified reference material	SQC025WI-25G
BTEX/MTBE in Soil, certified reference material	SQC025AK-25G

Selected Certified Reference Materials

Environmental Standards: Solid Waste

* Name	Catalog Number
BTEX/MTBE Mix, HC, certified reference material, TraceCERT®, 2000 µg/mL each component in methanol	CRM47505
BTEX - Silt Loam 1, pkg of 30 g	CRM305-30G
BTEX - Soil 3, pkg of 30 g	CRM306-30G
Cadmium Lower Detection Limit Standard, certified reference material	LDL020-50G
Cadmium XRF Standard - 0.87 wt%, certified reference material	XRFOX19-100G
Calcium Carbonate XRF Standard - 99.93%, certified reference material	XRFOX38-100G
Carbamates in Soil, certified reference material	SQC030-50G
Cerium XRF Standard - 13.0 wt%, certified reference material	XRFOX57-50G
Chlordane in Soil, certified reference material	SQC027-50G
Chlordane - Sandy Loam 2, certified reference material, pkg of 50 g	CRM825-50G
Chlordane - Sediment 1, certified reference material, pkg of 50 g	CRM852-50G
Chlorinated Pesticides in Soil, certified reference material	SQC009-50G
Chromium Lower Detection Limit Standard, certified reference material	LDL030-50G
Chromium VI - Clay, certified reference material, pkg of 30 g	CRM060-30G
Chromium VI in Soil, certified reference material	SQC012-30G
Chromium VI - Sandy Loam, certified reference material, pack of 30 g	CRM061-30G
Chromium VI - Soil, certified reference material	CRM041-30G
Chromium XRF Standard - 13.68 wt%, certified reference material	XRFOX03-100G
Chromium XRF Standard - 1.67 wt%, certified reference material	XRFOX24-100G
Clean Clay #5, certified reference material, pkg of 100 g	CLNSOIL5-100G CLNSOIL5-250G
Clean Clay Loam, certified reference material	CLNSOIL2-100G CLNSOIL2-250G
Clean Loam Soil, certified reference material	CLNLOAM6-100G CLNLOAM6-250G
Clean Sand #4, certified reference material	CLNSAND4-100G CLNSAND4-250G
Clean Sandy Loam, certified reference material, pkg of 250 g	CLNSOIL3-100G CLNSOIL3-250G
Clean Sandy Soil, certified reference material, pkg of 100 g	CLNSOIL1-100G CLNSOIL1-250G
Clean Sediment #2, certified reference material, pkg of 100 g	CLNSED2-100G CLNSED2-250G
Cobalt Lower Detection Limit Standard, certified reference material	LDL040-50G
Cobalt XRF Standard - 0.99 wt%, certified reference material	XRFOX06-100G
Copper XRF Standard - 1.57 wt%, certified reference material	XRFOX08-100G
Corrosivity, certified reference material	SQC023-100G
Corrosivity/Sodium - WS, certified reference material	QC1304-1KT
Corrosivity/Sodium - WS, Proficiency Testing Material	PE1304-1KT
Cyanide - Clay, certified reference material, pkg of 30 g	CRM751-30G
Cyanide in Soil, certified reference material	SQC011-100G SQC011-30G
Cyanide - Sandy Loam, certified reference material, pkg of 30 g	CRM752-30G
Cyanide - Sediment, certified reference material, pkg of 30 g	CRM750-30G
Diesel - Soil 4, pkg of 100 g	CRM560-100G
Diesel - Clay Loam 1, certified reference material, pkg of 100 g	CRM558-100G
Diesel in Soil, certified reference material	SQC007-100G

* Name	Catalog Number
Diesel in Soil by MA Methods, certified reference material	SQC007MA-40G
Diesel - Sandy Loam 4, certified reference material, pkg of 100 g	CRM354-100G
Diesel - Soil 1, certified reference material, pkg of 100 g	CRM550-100G
Dioxin and Furans in Soil, certified reference material	SQC016-10G
Dioxins and Furans in Tissue, certified reference material	SQC016TIS-10G
Dioxins/Furans - Clay Loam, certified reference material, pkg of 10 g	CRM981-10G
Dioxins/Furans in Sea Water Mussel, certified reference material	SQC016MUS-10G
Dioxins/Furans in Shrimp, certified reference material	SQC083-10G
EPA 8081 Pesticide Standard Mix, certified reference material, 200 µg/mL in hexane: toluene (1:1), ampule of 1 mL	CRM46845
EPA 8260 Internal Standards Mix 1, certified reference material, TraceCERT®, 2500 µg/mL each component in methanol, ampule of 5 x 1 mL	CRM861183
EPA 8270 Base Neutrals Matrix Spike MIX, certified reference material, TraceCERT®, 1000 µg/mL each component in methanol, ampule of 1 mL	CRM502294
EPA 8270 Benzidines Mix, certified reference material, TraceCERT®, 2000 µg/mL each component in methanol, ampule of 1 mL	CRM48467
EPA 8270 Calibration Mix 4, certified reference material, TraceCERT®, 2000 µg/mL each component in methylene chloride, ampule of 1 mL	CRM861148
EPA 8270 Ether/Phthalate Mix, certified reference material, TraceCERT®	CRM47643
EPA 8270 Organophosphorus Pesticide Mix 2, certified reference material, 2000 µg/mL each component in methylene chloride, ampule of 1 mL	CRM47908
EPA 8270 Semivolatile Internal Standard Mix, High Concentration, certified reference material, 4000 µg/mL each component in methylene chloride: benzene (1:1), ampule of 1 mL	CRM47906
EPA 8270 Surrogate Standard, certified reference material, TraceCERT®, 4000 µg/mL each component in dichloromethane	CRM47960
EPA 8270 SV Surrogate Spike Mix, certified reference material, in methylene chloride: methanol (4:1) (varied conc.), ampule of 1 mL	CRM44649
EPA CLP Organochlorine Pesticide Mix, certified reference material, 2000 µg/mL each component in hexane: toluene (1:1), ampule of 1 mL	CRM47426
Nitroaromatics/Nitrosamine - Clay Loam 1, certified reference material, pkg of 10 g	CRM130-10G
Flash Point, certified reference material	SQC029-4X25ML
Fluoride/Chloride in Oil, certified reference material	SQC061-100G
Fluorobenzene solution, certified reference material, TraceCERT®, 2000 µg/mL in methanol	CRM48943
Free Liquids in Paint, certified reference material	SQC075-100ML
Gasoline in Soil, certified reference material	SQC008-30G
Gasoline in Soil - AK Methods, certified reference material	SQC008AK-25G
Gasoline in Soil by WI Method, certified reference material	SQC008WI-25G
Gold XRF Standard - 0.594 wt%, certified reference material	XRFOX32-50G
HC 8270 LCS Spike Mix, certified reference material, ampule of 25 mL	40176-U
Heat of Combustion, certified reference material	SQC062-4X25ML
Herbicides in Soil, certified reference material	SQC004-50G
Herbicides - Loam 1, certified reference material, pkg of 50 g	CRM808-50G
Herbicides - Loam 2, certified reference material, pkg of 50 g	CRM817-50G
Herbicides - Loamy Sand 1, certified reference material, pkg of 50 g	CRM810-50G

3: Analytical Applications & Standards

Selected Certified Reference Materials

Environmental Standards: Solid Waste

* Name	Catalog Number
Herbicides - Sandy Loam 1, certified reference material, pkg of 50 g	CRM803-50G
Herbicides - Silty Loam 1, certified reference material, pkg of 50 g	CRM831-50G
Herbicides - Soil 2, certified reference material, pkg of 50 g	CRM823-50G
Indium XRF Standard - 1.00 wt%, certified reference material	XRFOX49-100G
Iridium XRF Standard - 0.568 wt%, certified reference material	XRFOX34-50G
Iron XRF Standard - 0.69 wt%, certified reference material	XRFOX26-100G
Iron XRF Standard - 6.36 wt%, certified reference material	XRFOX05-100G
Lead - Clay Loam 1, certified reference material, pkg of 50 g	PB2000-50G
Lead Free Paint - Powdered, certified reference material, pkg of 20 g	CRM050-20G
Lead in Plastic - QC, certified reference material	SQC1093-10G
Lead in Powdered Paint, certified reference material	SQC074-30G
Lead Lower Detection Limit Standard, certified reference material	LDL050-50G
Lead - Soil, certified reference material, pkg of 50 g	PB3000-50G
Lead XRF Standard - 0.62 wt%, certified reference material	XRFOX13-100G
Lithium XRF Standard - 0.03 wt%, certified reference material	XRFOX27-100G
Loam Matrix Blank, certified reference material	MB010-50G
Loamy Clay Matrix Blank, certified reference material	MB050-50G
Manganese XRF Standard - 1.04 wt%, certified reference material	XRFOX25-100G
Manganese XRF Standard - 9.03 wt%, certified reference material	XRFOX04-100G
Mercury Lower Detection Limit Standard, certified reference material	LDL060-50G
Mercury XRF Standard - 0.61 wt%, certified reference material	XRFOX10-100G
Metals in Oil, certified reference material	SQC060-25G
Metals in Sewage Sludge, certified reference material	SQC001S-30G
Metals in Soil, certified reference material	SQC001-30G
Metals in soil - XRF Standard 100g, certified reference material	XRF410-100G
Methyl Mercury in Sediment, certified reference material	SQC1238-50G
Minerals - Constant Value, certified reference material	QC1175-1KT
Minerals - WP , Concentrate for dilution to 1L, Proficiency Testing Material	PE1041-1KT
Molybdenum XRF Standard - 2.53 wt%, certified reference material	XRFOX17-100G
Nickel Lower Detection Limit Standard, certified reference material	LDL070-50G
Nickel XRF Standard - 2.43 wt%, certified reference material	XRFOX07-100G
Niobium XRF Standard - 0.13 wt%, certified reference material	XRFOX54-50G
Nitroaromatics/Nitrosamine - Clay Loam 2, certified reference material, pkg of 10 g	CRM133-10G
Nitroaromatics/Nitrosamine - Loamy Sand 1, certified reference material, pkg of 10 g	CRM137-10G
Nitroaromatics/Nitrosamine - Sandy Loam 1, certified reference material, pkg of 10 g	CRM128-10G
Nitroaromatics/Nitrosamine - Sediment 1, certified reference material, pkg of 10 g	CRM132-10G
Nitroaromatics/Nitrosamine - Silty Loam 1, certified reference material, pkg of 10 g	CRM138-10G
Nitrosamines/Nitroaromatics, certified reference material	SQC022-30G
NJDEP EPH in Soil, certified reference material	SQC026NJ-100G

* Name	Catalog Number
Nutrients - Clay Soil, pkg of 100 g	CRM090-100G
Nutrients in Soil, certified reference material	SQC014-100G
Nutrients - Sand, certified reference material, pkg of 100 g	CRM092-100G
Nutrients - Sandy Loam, certified reference material, pkg of 100 g	CRM091-100G
Oil and Grease in Soil, certified reference material	SQC037-100G
OP Pesticide - Sandy Loam 1, certified reference material, pkg of 50 g	CRM821-50G
OP Pesticide - Sandy Loam 2, certified reference material, pkg of 50 g	CRM827-50G
OP Pesticide - Sediment 1, certified reference material, pkg of 50 g	CRM851-50G
OP Pesticide - Silt Loam 1, certified reference material, pkg of 50 g	CRM837-50G
Organophosphorus Pesticides, certified reference material	SQC021-50G
Organo-Tin in Soil, certified reference material	SQC073-30G
Oxidizer Screen, certified reference material	SQC067-100G
PAH, PCBs, and Pesticides on Sediment, certified reference material, pkg of 50 g	CNS391-50G
PAHs by HPLC, certified reference material	SQC017-40G
PAHs - Clay Soil, pkg of 50 g	CRM170-50G CRM170-100G
PAH - Sediment 1, certified reference material, pkg of 50 g	CRM104-50G
PAHs - Loamy Clay 1, pkg of 50 g	CRM141-50G
PAHs - Loamy Sand 1, certified reference material, pkg of 100 g	CRM115-100G
PAHs - Silty Loam Soil, pkg of 100 g	CRM142-50G
Palladium XRF Standard - 0.576 wt%, certified reference material	XRFOX28-50G
PBDE/PCBs in Sediment, certified reference material	SQC072-50G
PCB 1254 - Loam, certified reference material, pkg of 50 g	CRM911-50G
PCB Congeners - Clay Soil, pkg of 50 g	CRM961-50G
PCB Congeners in Fish Tissue, certified reference material	SQC068TIS-30G
PCB Congeners in Sea Water Mussel, certified reference material	SQC068MUS-30G
PCB Congeners in Shrimp, certified reference material	SQC087-30G
PCB Congeners in Soil, certified reference material	SQC068-50G
PCB Congeners - Loamy Sand, pkg of 50 g	CRM962-50G
PCB Congeners - Silty Loam, pkg of 30 g	CRM963-50G
PCBs and PBDEs on Sandy Loam Sediment, certified reference material, pkg of 50 g	CNS329-50G
PCBs in Soil, certified reference material	SQC010-30G SQC010-50G
Pesticides - Clay Loam 1, certified reference material, pkg of 50 g	CRM847-50G
Pesticides - Loam 1, certified reference material, pkg of 50 g	CRM818-50G
Pesticides - Loamy Sand 1, certified reference material, pkg of 50 g	CRM846-50G
Pesticides - Loamy Sand 2, certified reference material, pkg of 50 g	CRM860-50G
Pesticides - Sandy Loam 1, certified reference material, pkg of 50 g	CRM804-50G
Pesticides - Sandy Loam 2, certified reference material, pkg of 50 g	CRM805-50G
Pesticides - Sandy Loam 3, certified reference material, pkg of 50 g	CRM814-50G
Pesticides - Sandy Loam 4, certified reference material, pkg of 50 g	CRM824-50G
Pesticides - Silt Loam 1, certified reference material, pkg of 50 g	CRM828-50G

Selected Certified Reference Materials

Environmental Standards: Solid Waste

* Name	Catalog Number
Pesticide Surrogate Spike Mix, certified reference material, TraceCERT®, 200 µg/mL each component in acetone, ampule of 1 mL	CRM48460
pH/Conductivity - Clay Soil, certified reference material, pkg of 100 g	CRM498-100G
Phenolics in Soil (TOX), certified reference material	SQC038-100G
Phenols, certified reference material	SQC018-40G
pH - Loamy Sand, certified reference material, pkg of 100 g	CRM499-100G
Phosphorus Pentoxide XRF Standard - 99.95%, certified reference material	XRFOX41-100G
pH - Sandy Clay, certified reference material, pkg of 100 g	CRM497-100G
Platinum XRF Standard - 0.54 wt%, certified reference material	XRFOX31-50G
Polynuclear Aromatic Hydrocarbons Mix, certified reference material, 2000 µg/mL each component in methylene chloride: benzene (1:1), ampule of 1 mL	CRM47543
Potassium Carbonate XRF Standard - Neat, certified reference material	XRFOX39-100G
QTM PAH Mix, certified reference material, 2000 µg/mL each component in dichloromethane, ampule of 1 mL	CRM47930
RCRA Target Phenol Mix, certified reference material, 1000 µg/mL each component in 2-propanol	CRM40178
Reactivity, certified reference material	SQC024-30G
Rhodium XRF Standard - 0.54 wt%, certified reference material	XRFOX33-50G
RRO in Soil, certified reference material	SQC026AK-100G
Rubidium XRF Standard - 0.19 wt%, certified reference material	XRFOX14-100G
Ruthenium XRF Standard - 0.503 wt%, certified reference material	XRFOX29-50G
Sand Matrix Blank, certified reference material	MB030-50G
Sandy Loam Matrix Blank, certified reference material	MB040-50G
Selenium XRF Standard - 0.47 wt%, certified reference material	XRFOX12-100G
Silica XRF Standard - >99.99%, certified reference material	XRFOX44-100G
Silver XRF Standard - 0.61 wt%, certified reference material	XRFOX18-100G
SiO2 Matrix Blank, certified reference material	MB060-50G
Sodium Bromide XRF Standard - 99.95%, certified reference material	XRFOX43-100G
Sodium Chloride XRF Standard - 99.995%, certified reference material	XRFOX40-100G
Sodium Sulfate XRF Standard - 99.99%, certified reference material	XRFOX37-100G
Solids in Soil, certified reference material	SQC082-100G
Solvent Screen, certified reference material	SQC070-20ML
Specific Gravity, certified reference material	SQC066-100ML
Strontium XRF Standard - 0.12 wt%, certified reference material	XRFOX15-100G
Sulfide - Clay, certified reference material, pkg of 30 g	CRM776-30G
Sulfide in Soil, certified reference material	SQC102-30G
Sulfide - Sandy Loam, certified reference material, pkg of 30 g	CRM777-30G
Sulfide - Sediment, certified reference material, pkg of 30 g	CRM775-30G
SV Acids Surrogate Spike Mix, certified reference material, 2000 µg/mL each component in methanol, ampule of 1 mL	CRM48939
Tantalum XRF Standard - 0.5 wt%, certified reference material	XRFOX55-50G
Tantalum XRF Standard - 0.55 wt%, certified reference material	XRFOX45-50G
TCLP Metals - Ash 1, certified reference material, pkg of 225 g	CRM205-225G
TCLP Metals CA-WET in Soil, certified reference material	SQC006-225G

* Name	Catalog Number
TCLP Metals in Soil, certified reference material	SQC005-225G
TCLP Metals - Loam 1, certified reference material, pkg of 225 g	CRM218-225G
TCLP Metals -Loamy Sand 1, certified reference material, pkg of 225 g	CRM212-225G
TCLP Metals -Loamy Sand 2, certified reference material, pkg of 225 g	CRM213-225G
TCLP Metals - Loamy Sand 3, certified reference material, pkg of 225 g	CRM207-225G
TCLP Metals - Sandy Loam 1, certified reference material, pkg of 225 g	CRM202-225G
TCLP Metals - Sandy Loam 2, certified reference material, pkg of 225 g	CRM204-225G
TCLP Metals - Sandy Loam 3, certified reference material, pkg of 225 g	CRM206-225G
TCLP Metals - Sandy Loam 4, certified reference material, pkg of 225 g	CRM208-225G
TCLP Metals - Sandy Loam 6, certified reference material, pkg of 225 g	CRM215-225G
TCLP Metals - Sandy Loam 11, certified reference material, pkg of 225 g	CRM209-225G
TCLP Metals - Sandy Loam 12, certified reference material, pkg of 225 g	CRM210-225G
TCLP Semi-VOAs, certified reference material	SQC015-225G
TCLP Semi-Volatiles - Sandy Loam 1, certified reference material, pkg of 225 g	CRM402-225G
TCLP Semi-Volatiles - Sludge 1, certified reference material, pkg of 225 g	CRM401-225G
TCLP - VOA, certified reference material	SQC076-2ML
Tellurium XRF Standard - 6.0 wt%, certified reference material	XRFOX58-50G
Thallium XRF Standard - 4.27 wt%, certified reference material	XRFOX30-50G
Tin XRF Standard - 1.0 wt%, certified reference material	XRFOX50-100G
Tin XRF Standard - 3.03 wt%, certified reference material	XRFOX20-100G
Titanium XRF Standard - 5.45 wt%, certified reference material	XRFOX22-100G
Titanium XRF Standard - 29.95 wt%, certified reference material	XRFOX01-100G
Toxaphene - Clay 1, certified reference material, pkg of 50 g	CRM853-50G
Toxaphene in Soil, certified reference material	SQC028-50G
Toxaphene - Sandy Loam 1, certified reference material, pkg of 50 g	CRM813-50G
Toxaphene - Sediment 1, certified reference material, pkg of 50 g	CRM850-50G
Toxaphene - Silt Loam 1, certified reference material, pkg of 50 g	CRM829-50G
Toxaphene -Soil 2, certified reference material, pkg of 50 g	CRM826-50G
TPH Banded - Clay Soil, certified reference material, pkg of 100 g	CRM373-100G
TPH - Clay Loam 1, certified reference material, pkg of 100 g	CRM359-100G
TPH in Soil, certified reference material	SQC026-100G
TPH in Soil - High, certified reference material	SQC026TXH-30G
TPH in Soil - Low, certified reference material	SQC026TXL-30G
TPH -Loamy Sand 1, certified reference material, pkg of 100 g	CRM352-100G
TPH - Loamy Sand 2, certified reference material, pkg of 100 g	CRM356-100G
TPH - Loamy Soil, pkg of 100 g	CRM371-100G
TPH - Sand 1, certified reference material, pkg of 100 g	CRM372-100G
TPH - Sandy Clay Loam 1, certified reference material, pkg of 100 g	CRM350-100G
TPH - Sandy Loam 1, certified reference material, pkg of 100 g	CRM355-100G

3: Analytical Applications & Standards

Selected Certified Reference Materials

Environmental Standards: Solid Waste

* Name	Catalog Number
TPH - Sandy Loam 2, certified reference material, pkg of 100 g	CRM357-100G
TPH - Sandy Loam 3, certified reference material, pkg of 100 g	CRM358-100G
TPH - Sandy Loam 3, certified reference material, pkg of 100 g	CRM353-100G
TPH - Sandy Loam 4, pkg of 100 g	CRM360-100G
TPH - Sea Sediment 1, pkg of 100 g	CRM361-100G
Trace Elements on Fresh Water Sediment, certified reference material, pkg of 50 g	CNS392-50G
Trace Elements on Fresh Water Sediment, certified reference material, pack of 50 g	CNS301-50G
Trace Metals - Activated Charcoal, pkg of 100 g	CRM002-100G
Trace Metals - Baghouse Dust, certified reference material, pkg of 50 g	CRM014-50G
Trace Metals - Chalky Loam 1, certified reference material, pkg of 50 g	CRM044-50G
Trace Metals - Clay 1, certified reference material, pkg of 50 g	CRM046-50G
Trace Metals - Clay 2, certified reference material, pkg of 50 g	CRM051-50G
Trace Metals/Cyan - Loam 5, certified reference material, pkg of 20 g	CRM022-20G
Trace Metals - Diatomaceous Earth, certified reference material, pkg of 100 g	CRM004-100G
Trace Metals - Electroplating Sludge 1, certified reference material, pkg of 100 g (wet)	CRM009-100G
Trace Metals - Electroplating Sludge 2, certified reference material, pkg of 100 g (wet)	CRM010-100G
Trace Metals - Electroplating Sludge 3, certified reference material, pkg of 100 g (wet)	CRM011-100G
Trace Metals - Fly Ash 1, certified reference material, pkg of 100 g	CRM001-100G
Trace Metals - Fly Ash 2, certified reference material, pkg of 100 g	CRM012-100G
Trace Metals - Fly Ash 3, certified reference material, pkg of 50 g	CRM019-50G
Trace Metals - Fresh Water Sediment 2, certified reference material, pkg of 50 g	CRM015-50G
Trace Metals - Fresh Water Sediment 3, certified reference material, pkg of 50 g	CRM016-50G
Trace Metals - Loam 3, certified reference material, pkg of 50 g	CRM042-50G
Trace Metals - Loamy Clay 1, certified reference material, pkg of 50 g	CRM052-50G
Trace Metals - Loamy Clay 2, certified reference material, pkg of 50 g	CRM059-50G
Trace Metals - Loamy Sand 1, certified reference material, pkg of 50 g	CRM024-50G
Trace Metals - Loamy Sand 3, certified reference material, pkg of 50 g	CRM034-50G
Trace Metals - Loamy Sand 4, certified reference material, pkg of 50 g	CRM036-50G
Trace Metals - Loamy Sand 10, certified reference material, pkg of 50 g	CRM033-50G
Trace Metals - Paint Chips, certified reference material, pkg of 50 g	CRM013-50G
Trace Metals - Paint Sludge 1, certified reference material, pkg of 50 g (dry)	CRM006-50G
Trace Metals - Powdered Paint 1, certified reference material, pkg of 20 g	CRM017-20G
Trace Metals - Sand 1, certified reference material, pkg of 50 g	CRM048-50G
Trace Metals - Sandy Clay 1, certified reference material, package of 50 g	CRM049-50G
Trace Metals - Sandy Loam 2, certified reference material, pkg of 50 g	CRM030-50G
Trace Metals - Sandy Loam 2, certified reference material, pkg of 50 g	CRM020-50G

* Name	Catalog Number
Trace Metals - Sandy Loam 3, certified reference material, pkg of 100 g	CRM021-100G
Trace Metals - Sandy Loam 6, certified reference material, pkg of 50 g	CRM043-50G
Trace Metals - Sandy Loam 7, certified reference material, pkg of 50 g	CRM023-50G
Trace Metals - Sandy Loam 8, certified reference material, pkg of 50 g	CRM025-50G
Trace Metals - Sandy Loam 9, certified reference material, pkg of 50 g	CRM026-50G
Trace Metals - Sandy Loam 10, certified reference material, pkg of 50 g	CRM027-50G
Trace Metals - Sandy Loam 11, certified reference material, pkg of 50 g	CRM028-50G
Trace Metals - Sewage Amended Soil, certified reference material, pkg of 50 g	CRM005-50G
Trace Metals - Sewage Sludge 2, certified reference material, pkg of 50 g (dry)	CRM029-50G
Trace Metals - Sewage Sludge 3, pkg of 40 g (dry)	CRM031-40G
Trace Metals - Sewage Sludge 4, certified reference material, pkg of 50 g (dry)	CRM055-50G
Trace Metals -Silt Clay 1, certified reference material, pkg of 50 g	CRM045-50G
Trace Metals - Taiwan Clay 1, pkg of 50 g	CRM2003-50G
Trace Metals - Taiwan Clay 2, certified reference material, pkg of 50 g	CRM2004-50G
TRPH IR Screen Soil, certified reference material	SQC019-100G
Tungsten XRF Standard - 0.5 wt%, certified reference material	XRFOX56-50G
Underground Storage Tank (UST) Modified DRO, certified reference material, TraceCERT®, 1000 µg/mL each component in hexane, ampule of 1 mL	CRM48166
Uranium in Soil, certified reference material	SQC071-30G
Vanadium XRF Standard - 0.61 wt%, certified reference material	XRFOX46-100G
Vanadium XRF Standard - 25.0 wt%, certified reference material	XRFOX53-50G
VOAS in Soil - Low Level, certified reference material	SQC002L-30G
VOAs in Soil - Medium Level, certified reference material	SQC002H-25G
VOCs - Clay 3, certified reference material, pkg of 30 g	CRM637-30G
VOCs - Clay 4, certified reference material, pkg of 25 g	CRM638-25G
VOCs - Clay Loam 3, pkg of 30 g	CRM627-30G
VOCs - Loamy Sand 4, pkg of 30 g	CRM633-30G
VOCs - Loamy Sand 5, certified reference material, pkg of 25 g	CRM636-25G
VOCs - Sandy Loam 1, pkg of 25 g	CRM608-25G
VOCs - Sediment 1, certified reference material, pkg of 30 g	CRM639-30G
VOCs - Sediment 2, certified reference material, pkg of 25 g	CRM640-25G
Volatile Organics Matrix Spike Mix , certified reference material, TraceCERT®, 250 µg/mL each component in methanol, ampule of 1 mL	CRM48399
XRF Clay High As, Co, Hg, Zn, certified reference material	MSH201-50G
XRF Clay High Cd, Cr, Pb, Ni, certified reference material	MSH200-50G
XRF Clay Low As, Co, Hg, Zn, certified reference material	MSL201-50G
XRF Clay Low Cd, Cr, Pb, Ni, certified reference material	MSL200-50G
XRF Clay Matrix Blank, certified reference material	MB020-50G
XRF Clay Medium As, Co, Hg, Zn, certified reference material	MSM201-50G
XRF Clay Medium Cd, Cr, Pb, Ni, certified reference material	MSM200-50G
XRF Loam High As, Co, Hg, Zn, certified reference material	MSH101-50G

Selected Certified Reference Materials

Environmental Standards: Solid Waste

* Name	Catalog Number
XRF Loam High Cd, Cr, Pb, Ni, certified reference material	MSH100-50G
XRF Loam Low As, Co, Hg, Zn	MSL101-50G
XRF Loam Low Cd, Cr, Pb, Ni, certified reference material	MSL100-50G
XRF Loam Medium As, Co, Hg, Zn, certified reference material	MSM101-50G
XRF Loam Medium Cd, Cr, Pb, Ni, certified reference material	MSM100-50G
XRF Loamy Clay High As, Co, Hg, Zn, certified reference material	MSH501-50G
XRF Loamy Clay High Cd, Cr, Pb, Ni, certified reference material	MSH500-50G
XRF Loamy Clay Low As, Co, Hg, Zn, certified reference material	MSL501-50G
XRF Loamy Clay Low Cd, Cr, Pb, Ni, certified reference material	MSL500-50G
XRF Loamy Clay Medium As, Co, Hg, Zn, certified reference material	MSM501-50G
XRF Loamy Clay Medium Cd, Cr, Pb, Ni, certified reference material	MSM500-50G
XRF Sand High As, Co, Hg, Zn, certified reference material	MSH301-50G
XRF Sand High Cd, Cr, Pb, Ni, certified reference material	MSH300-50G
XRF Sand Low As, Co, Hg, Zn, certified reference material	MSL301-50G
XRF Sand Low Cd, Cr, Pb, Ni, certified reference material	MSL300-50G
XRF Sand Medium As, Co, Hg, Zn, certified reference material	MSM301-50G
XRF Sand Medium Cd, Cr, Pb, Ni, certified reference material	MSM300-50G
XRF Sandy Loam High As, Co, Hg, Zn, certified reference material	MSH401-50G
XRF Sandy Loam High Cd, Cr, Pb, Ni, certified reference material	MSH400-50G
XRF Sandy Loam Low As, Co, Hg, Zn, certified reference material	MSL401-50G
XRF Sandy Loam Low Cd, Cr, Pb, Ni, certified reference material	MSL400-50G
XRF Sandy Loam Medium As, Co, Hg, Zn, certified reference material	MSM401-50G
XRF Sandy Loam Medium Cd, Cr, Pb, Ni, certified reference material	MSM400-50G
XRF SiO ₂ High As, Co, Hg, Zn, certified reference material	MSH601-50G
XRF SiO ₂ High Cd, Cr, Pb, Ni, certified reference material	MSH600-50G
XRF SiO ₂ Low As, Co, Hg, Zn, certified reference material	MSL601-50G
XRF SiO ₂ Low Cd, Cr, Pb, Ni, certified reference material	MSL600-50G
XRF SiO ₂ Medium As, Co, Hg, Zn, certified reference material	MSM601-50G
XRF SiO ₂ Medium Cd, Cr, Pb, Ni, certified reference material	MSM600-50G
XRF Standard, certified reference material	XRF405-100G
XRF Standard - 1000 ppm Tungsten, certified reference material	XRFW1000-50G
XRF Standard - 100 ppm Tungsten, certified reference material	XRFW100-50G
XRF Standard - 500 ppm Tungsten, certified reference material	XRFW500-50G
XRF Std., - 1500ppm Cd, Cr, Sn, Sb, Ni, certified reference material	XRF001-100G
XRF Std., 500 ppm Tl, Sn, Sb, Ni, certified reference material	XRF409-100G
XRF Std. Cr, As, Se, Hg, Pb, Ag, 100g, certified reference material	XRF408-100G

* Name	Catalog Number
Zinc Lower Detection Limit Standard, certified reference material	LDL080-50G
Zinc XRF Standard - 0.99 wt%, certified reference material	XRFOX09-100G
Zirconium XRF Standard - 0.13 wt%, certified reference material	XRFOX16-100G

Synthetic

* Name	Catalog Number
Anthanthrene, BCR [®] certified Reference Material	BCR091-100MG
10-Azabenz[a]pyrene, BCR [®] certified Reference Material	BCR092-100MG
Benz[a]acridine, BCR [®] certified Reference Material	BCR157-100MG
Benz[c]acridine, BCR [®] certified Reference Material	BCR158-100MG
Benz[a]anthracene, BCR [®] certified Reference Material	BCR271-20MG
Benzo[b]chrysene, BCR [®] certified Reference Material	BCR046-100MG
Benzo[c]chrysene, BCR [®] certified Reference Material	BCR140-100MG
Benzo[a]fluoranthene, BCR [®] certified Reference Material	BCR097-100MG
Benzo[ghi]fluoranthene, BCR [®] certified Reference Material	BCR139-100MG
Benzo[j]fluoranthene, BCR [®] certified Reference Material	BCR049-100MG
Benzo[k]fluoranthene, BCR [®] certified Reference Material	BCR048R-10MG
Benzo[a]fluorenone, BCR [®] certified Reference Material	BCR342-10MG
Benzo[b]naphtho[1,2-d]furan, BCR [®] certified Reference Material	BCR340-10MG
Benzo[b]naphtho[2,1-d]furan, BCR [®] certified Reference Material	BCR341-10MG
Benzo[b]naphtho[1,2-d]thiophene, BCR [®] certified Reference Material	BCR137R-10MG
Benzo[b]naphtho[2,3-d]thiophene, BCR [®] certified Reference Material	BCR136R-10MG
Benzo[ghi]perylene, BCR [®] certified Reference Material	BCR052-100MG
Benzo[c]phenanthrene, BCR [®] certified Reference Material	BCR134-100MG
Benzo[e]pyrene, BCR [®] certified Reference Material	BCR050-100MG
6H-Benzo[cd]pyren-6-one, BCR [®] certified Reference Material	BCR339-10MG
Biodiesel, ERM [®] certified Reference Material	ERMEF001-27ML
Chrysene, BCR [®] certified Reference Material	BCR269-20MG
Coronene, BCR [®] certified Reference Material	BCR272-20MG
4-Deoxyvalenol in acetonitrile, IRMM [®] certified Reference Material	IRMM315-1EA
Dibenz[a,c]acridine, BCR [®] certified Reference Material	BCR155-100MG
Dibenz[a,h]acridine, BCR [®] certified Reference Material	BCR153R-10MG
Dibenz[a,i]acridine, BCR [®] certified Reference Material	BCR152-20MG
Dibenz[a,j]acridine, BCR [®] certified Reference Material	BCR154-100MG
Dibenz[c,h]acridine, BCR [®] certified Reference Material	BCR156R-10MG
Dibenz[a,c]anthracene, BCR [®] certified Reference Material	BCR094-100MG
Dibenz[a,h]anthracene, BCR [®] certified Reference Material	BCR138-100MG
Dibenz[a,j]anthracene, BCR [®] certified Reference Material	BCR095-100MG
7H-Dibenzo[c,g]carbazole, BCR [®] certified Reference Material	BCR266-20MG
Dibenzo[a,e]fluoranthene, BCR [®] certified Reference Material	BCR265-20MG
Dibenzo[b,d]furan, BCR [®] certified Reference Material	BCR337-10MG
Dibenzo[a,e]pyrene, BCR [®] certified Reference Material	BCR133-100MG
Dibenzo[a,h]pyrene, BCR [®] certified Reference Material	BCR159-100MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Environmental Standards: Synthetic

* Name	Catalog Number
Dibenzo[<i>a,h</i>]pyrene, BCR® certified Reference Material	BCR096-100MG
2,4'-Dichlorobiphenyl, BCR® certified Reference Material	BCR289-25MG
Fluoranthene, BCR® certified Reference Material	BCR160R-10MG
Glass (trace elements), BCR® certified Reference Material, plates	BCR664-1EA
2,2',3,4,4',5,5'-Heptachlorobiphenyl (IUPAC No. 180), BCR® certified Reference Material	BCR298-25MG
2,2',3,4,4',5'-Hexachlorobiphenyl (IUPAC No. 138), BCR® certified Reference Material	BCR296-25MG
2,2',4,4',5,5'-Hexachlorobiphenyl (IUPAC No. 153), BCR® certified Reference Material	BCR297-25MG
Indeno[1,2,3- <i>cd</i>]fluoranthene, BCR® certified Reference Material	BCR267-20MG
Lichen (trace elements), BCR® certified Reference Material	BCR482-15G
1-Methylbenz[<i>a</i>]anthracene, BCR® certified Reference Material	BCR093R-10MG
1-Methylchrysene, BCR® certified Reference Material	BCR077R-10MG
2-Methylchrysene, BCR® certified Reference Material	BCR078R-10MG
3-Methylchrysene, BCR® certified Reference Material	BCR079R-10MG
4-Methylchrysene, BCR® certified Reference Material	BCR080R-10MG
5-Methylchrysene, BCR® certified Reference Material	BCR081R-10MG
9-Nitroanthracene, BCR® certified Reference Material	BCR308-10MG
6-Nitrobenzo[<i>a</i>]pyrene, BCR® certified Reference Material	BCR311-10MG
6-Nitrochrysene, BCR® certified Reference Material	BCR309-10MG
3-Nitrofluoranthene, BCR® certified Reference Material	BCR310-10MG
2-Nitro-7-methoxynaphtho[2,1- <i>b</i>]furan, BCR® certified Reference Material	BCR312-10MG
1-Nitronaphthalene, BCR® certified Reference Material	BCR306-10MG
2-Nitronaphthalene, BCR® certified Reference Material	BCR307-10MG
1-Nitropyrene, BCR® certified Reference Material	BCR305-10MG
Valenol in acetonitrile, IRMM® certified Reference Material	IRMM316-1EA
PAHs in toluene, ERM® certified Reference Material	ERMAC213-2ML
Petrol (certified sulfur content), ERM® certified Reference Material	ERMEF211-1EA
Picene, BCR® certified Reference Material	BCR168-10MG
Polychlorodibenzo- <i>p</i> -dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) solution, BCR® certified Reference Material	BCR614-1EA
Polychlorodibenzo- <i>p</i> -dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) solution, BCR® certified Reference Material, Solution S0	BCR614S0-1ML
Polychlorodibenzo- <i>p</i> -dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) solution, BCR® certified Reference Material, Solution S1	BCR614S1-1ML
Polychlorodibenzo- <i>p</i> -dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) solution, BCR® certified Reference Material, Solution S2	BCR614S2-1ML
Polychlorodibenzo- <i>p</i> -dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) solution, BCR® certified Reference Material, Solution S3	BCR614S3-1ML
Polychlorodibenzo- <i>p</i> -dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) solution, BCR® certified Reference Material, Solution S4	BCR614S4-1ML
Polychlorodibenzo- <i>p</i> -dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) solution, BCR® certified Reference Material, Solution S5	BCR614S5-1ML
Polychlorodibenzo- <i>p</i> -dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) solution, BCR® certified Reference Material, Solution S6	BCR614S6-1ML
Polychlorodibenzo- <i>p</i> -dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) solution, BCR® certified Reference Material, Solution S7	BCR614S7-1ML
Polychlorodibenzo- <i>p</i> -dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) solution, BCR® certified Reference Material, Solution S8	BCR614S8-1ML

* Name	Catalog Number
Pyrene, BCR® certified Reference Material	BCR177R-10MG
2,3,3'-Trichlorobiphenyl, BCR® certified Reference Material	BCR290-25MG
2,4,4'-Trichlorobiphenyl, BCR® certified Reference Material	BCR291-25MG
Triphenylene, BCR® certified Reference Material	BCR270-20MG
Water (PFASs), IRMM® certified Reference Material	IRMM428-1EA

Volatiles & Semi-Volatiles

* Name	Catalog Number
Acetaldehyde solution, certified reference material, 1000 µg/mL in water, ampule of 100 × 1.2 mL	CRM868095
Benzoic Acid Solution, certified reference material, 2000 µg/mL in methylene chloride	CRM47508
bis(2-Ethylhexyl)phthalate solution, certified reference material, 5000 µg/mL in methanol, ampule of 1 mL	CRM40064
Chloroethane solution, certified reference material, 200 µg/mL in methanol, ampule of 1 mL	CRM48626
Chloroethane solution, certified reference material, TraceCERT®, 1000 µg/mL in methanol, ampule of 1 mL	CRM40015
2-Chloroethanol solution, certified reference material, 2000 µg/mL in methanol, ampule of 1 mL	CRM48085
Chrysene Solution, certified reference material, TraceCERT®, 200 µg/mL in methylene chloride, ampule of 1 mL	CRM48650
Dichloroacetic acid solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether, ampule of 1 mL	CRM47657
trans-1,4-Dichloro-2-butene Solution, certified reference material, TraceCERT®, 2000 µg/mL in methanol, ampule of 1 mL	CRM48303
2,2-Dichloro-1,1,1-trifluoroethane solution, certified reference material, TraceCERT®, 1000 µg/mL in methanol, ampule of 1 mL	CRM48412
α,α - Dimethylphenethylamine solution, certified reference material, 2000 µg/mL in dichloromethane, ampule of 1 × 1 mL	CRM47448
2,6-Dinitrotoluene solution, certified reference material, TraceCERT®, 5000 µg/mL in methanol, ampule of 1 mL	CRM40034
Ethylene oxide solution, certified reference material, 50,000 µg/mL in dichloromethane, ampule of 1 mL	CRM48891
Ethylene oxide solution, certified reference material, 500 µg/mL in DMSO, ampule of 1 mL	CRM44609
Ethylene oxide solution, certified reference material, 2000 µg/mL in dichloromethane, ampule of 1 mL	CRM47949
Hexachloroethane solution, certified reference material, TraceCERT®, 5000 µg/mL in methanol, ampule of 1 mL	CRM40011
<i>N</i> -Nitrosodimethylamine solution, certified reference material, 5000 µg/mL in methanol, ampule of 1 mL	CRM40059
<i>n</i> -Nitrosomorpholine solution, certified reference material, 5000 µg/mL in methanol, ampule of 1 mL	CRM40485
Styrene solution, certified reference material, TraceCERT®, 5000 µg/mL in methanol, ampule of 1 mL	CRM40257
Toluene solution, certified reference material, TraceCERT®, 200 µg/mL in methanol, ampule of 1 mL	CRM48620
1,1,2-Trichloro-1,2,2-trifluoroethane solution, certified reference material, TraceCERT®, 2000 µg/mL in methanol, pkg of 1 mL	CRM47944

Waste Water

* Name	Catalog Number
Acidity, certified reference material	QC1319-20ML
Acidity - Whole Volume, certified reference material	QC3269-500ML
Acidity - WP, certified reference material	QC1269-20ML
Acids - WP, certified reference material	QC1274-2ML

Selected Certified Reference Materials

Environmental Standards: Waste Water

* Name	Catalog Number
Adipate/Phthalate - WS, certified reference material	QC1596-2ML
Alcohols in water - WS, certified reference material	QC1312-2ML
Aliphatics Mix (C5-C12), certified reference material, 2000 µg/mL each component in methanol	UST157-1.5ML
Alkalinity, certified reference material	QC1076-20ML
Alkalinity, CaCO ₃ 1000 mg/L Calibration Standard, certified reference material	ALK1000-100ML ALK1000-500ML
Alkalinity, CaCO ₃ 500 mg/L Calibration Standard, certified reference material	ALK500-100ML ALK500-500ML
Alkalinity, MDL Standard, certified reference material	MDL001-20ML
Amenable Cyanide - Whole Volume, certified reference material	QC3147-500ML
Ammonia, certified reference material	QC1593-2ML
Ammonia as N, MDL Standard, certified reference material	MDL002-2ML
Ammonia - WS, Proficiency Testing Material	PE1593-2ML
Anionic Surfactant - WP, certified reference material	QC1144-20ML
Anionic Surfactant - WS, certified reference material	QC1337-20ML
Anions, certified reference material	QC1364-20ML
Anions in Water - Low Level, Proficiency testing material	PE2060-2ML
Anions - Whole Volume, certified reference material	QC3364-500ML
Anions - Whole Volume, certified reference material	QC3060-500ML
Anions - WP, pkg of 20 mL	QC1060-20ML
Aromatic Hydrocarbon Standard, certified reference material, 1000 µg/mL in methylene chloride	UST122-1.5ML
Asbestos - WS	QC1399-2ML
Base/Neutrals Compounds 2A, certified reference material	QC1268-2ML
Base/Neutrals Compounds 2B, certified reference material	QC1171-2ML
Base/Neutrals 1 - WP, certified reference material	QC1173-2ML
Benzene DE-PT, Proficiency Testing Material	PE1622-2ML
BOD 200 mg/L Calibration Standard, certified reference material	BOD200-100ML BOD200-500ML
BOD 1000 mg/L Calibration Standard, certified reference material	BOD1000-500ML
BOD 2000 mg/L Calibration Standard, certified reference material	BOD2000-500ML
BOD 500 mg/L Calibration Standard, certified reference material	BOD500-100ML BOD500-500ML
BOD, MDL Standard, certified reference material	MDL003-20ML
Boron (Colorimetric Method) - WP, Proficiency Testing Material	PE1066-20ML
Boron, MDL Standard, certified reference material	MDL004-2ML
Bromate and Bromide-WS, certified reference material	QC1361-2ML
Bromide, MDL Standard, certified reference material	MDL005-2ML
Bromide - WP, certified reference material	QC1188-20ML
BTEX in Water - AK Methods, certified reference material	QC1608-2ML
BTEX/MTBE in Water, certified reference material	QC1642-2ML
tert-Butanol, certified reference material, 5000 µg/mL in methanol	UST154-1.5ML
Carbamate Pesticides - WS, certified reference material	QC1507-2ML
Carbamates - WP, certified reference material	QC1006-2ML
Carbonate IC Standard, analytical standard	ICS034-100ML ICS034-500ML
Cationic Surfactants	QC1493-20ML
Cationic Surfactants - WP, certified reference material	QC1097-20ML
Cations in Water - Low Level, Proficiency testing material	PE2059-2ML
Ceriodaphnia dubia, 3-Brood Chronic, daily renewal, 20% DMW	QCWET022-1EA
Ceriodaphnia dubia, 3-Brood Chronic, daily renewal, MHSF	QCWET021-1EA

* Name	Catalog Number
Ceriodaphnia dubia, 48-hr Acute, nonrenewal, 25°C, 20% DMW	QCWET020-1EA
Ceriodaphnia dubia, 48-hr Acute, nonrenewal, 25°C, MHSF	QCWET019-1EA
Chlorate and Chlorite-WS, certified reference material	QC1372-2ML
Chlordane (Total) - WP, certified reference material	QC1092-2ML
Chlordane (Total) - WS, certified reference material	QC1326-2ML
Chloride by ISE, certified reference material	QC1084-2ML
Chloride, MDL Standard, certified reference material	MDL006-2ML
Chlorine in Water - Field PT, Proficiency Testing Material	PE10025-20ML
Chlorine, MDL Standard, certified reference material	MDL007-2ML
Chlorite IC Standard, analytical standard	ICS006-100ML ICS006-500ML
Chromium VI in Seawater - Whole Volume, certified reference material	QC3015-500ML
Chromium VI - Whole Volume, certified reference material	QC3453-500ML
Chromium VI - Whole Volume, certified reference material	QC3088-500ML
Chromium VI -WP, certified reference material	QC1088-20ML
Chromium VI - WS, certified reference material	QC1453-20ML
COD 500 mg/L Calibration Standard, certified reference material	COD500-100ML COD500-500ML
COD Calibration Standard	COD2000-500ML
COD, MDL Standard, certified reference material	MDL019-20ML
Color 100 Pt-Co Units Calibration Standard, certified reference material	CLR100-100ML CLR100-500ML
Color 500 Pt-Co Units Calibration Standard, certified reference material	CLR500-100ML CLR500-500ML
Color 20 Pt-Co Units Calibration Standard	CLR20-500ML
Color - Whole Volume, certified reference material	QC3126-100ML
Color - WP, certified reference material	QC1126-20ML
Color - WS, certified reference material	QC1401-20ML
Complex Nutrients, certified reference material	QC1051-2ML
Complex Nutrients in Seawater - Whole Volume, certified reference material	QC3145-500ML
Complex Nutrients - Whole Volume, certified reference material	QC3051-500ML
Conductivity Standard - 25 µmhos/cm, certified reference material	COND25-500ML COND25-1L
Conductivity Standard - 50 µmhos/cm, certified reference material	COND50-500ML COND50-1L
Conductivity Standard - 75 µmhos/cm, certified reference material	COND75-500ML COND75-1L
Conductivity Standard - 147 µmhos/cm, certified reference material	COND147-500ML COND147-1L
Conductivity Standard - 390 µmhos/cm, certified reference material	COND390-500ML COND390-1L
Conductivity Standard - 600 µmhos/cm, certified reference material	COND600-500ML COND600-1L
Conductivity Standard - 1412 µmhos/cm, certified reference material	COND1412-500ML COND1412-1L
Conductivity Standard - 2060 µmhos/cm, certified reference material	COND2060-500ML COND2060-1L
Corrosivity/Sodium - Whole Volume, certified reference material	QC3381-500ML
Cyanide Amenable to Chlorination - WP, certified reference material	QC1147-2ML
Cyanide in Soil - PT, Proficiency Testing Material	SPE011-100G SPE011-30G
Cyanide, MDL Standard, certified reference material	MDL008-2ML
Cyanide C/V Sample 1, certified reference material	QC1030-2ML
Cyanide C/V Sample 2, certified reference material	QC1120-2ML
Cyanide, Total, certified reference material	QC1496-2ML
Cyanide - Whole Volume, certified reference material	QC3573-500ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Environmental Standards: Waste Water

* Name	Catalog Number
Cyanide - Whole Volume, certified reference material	QC3054-500ML
Daphnia magna, 48-hr Acute, nonrenewal, 25°C, MHSF	QCWET032-1EA
Daphnia pulex, 48-hr Acute, nonrenewal, 25°C, MHSF	QCWET038-1EA
Demand - Constant Value, certified reference material	QC1297-20ML
Demand - Whole Volume, certified reference material	QC3130-500ML
Demand-WP, certified reference material	QC1130-20ML
Demand - WS, certified reference material	QC1388-20ML
Dichromate IC Standard, analytical standard	ICS009-100ML ICS009-500ML
Diesel Fuel No. 2, certified reference material, 5000 µg/mL in methylene chloride	UST147-1.5ML
Diesel Fuel No. 2, certified reference material, 50,000 µg/mL in methylene chloride	UST148-1.5ML
Diesel Fuel No. 2, certified reference material, 5000 µg/mL in methanol	UST149-1.5ML
Diesel in Water, certified reference material	QC1708-2ML
Diesel in Water-MA, certified reference material	QC1849-2ML
Diesel Range Organics (DRO), certified reference material, 1000 µg/mL each component in methylene chloride	UST152-1.5ML
1,4-Dioxane in Water, certified reference material	QC1519-2ML
Dioxin and Furans in Water - WP, certified reference material	QC1295-2ML
Dioxin in water - WS, certified reference material	QC1373-2ML
Dioxins and Furans in Water by 8280, certified reference material	QC1102-2ML
Diquat/Paraquat/Glyphosate in Drinking Water, certified reference material	QC1435-2ML
Dissolved Oxygen, certified reference material	QC1549-2ML
Dissolved Oxygen - Whole Volume, certified reference material	QC3077-500ML
Dissolved Oxygen - Whole Volume - WP, Proficiency Testing Material	PE3077-500ML
Dissolved Oxygen - WP, certified reference material	QC1077-2ML
DRO Mixture, certified reference material, 1000 µg/mL in methylene chloride	UST107-1.5ML
EDB/DBCP - WS, certified reference material	QC1484-2ML
Endothal in Drinking Water, certified reference material	QC1587-2ML
EPA 610 Polynuclear Aromatic Hydrocarbons Mix, certified reference material, in methanol: methylene chloride (1:1) (varied concentration)	CRM48743
EPA 8260 Internal Standards Mix, certified reference material, TraceCERT®, 2000 µg/mL each component in methanol	CRM48958
EPA 8270 Semivolatile Internal Standard Mix, certified reference material, TraceCERT®, 2000 µg/mL each component in methylene chloride, ampule of 1 mL	CRM46955
EPA 8270 Semivolatile Internal Standard Mix, certified reference material, TraceCERT®, 2000 µg/mL each component in methylene chloride, ampule of 2 × 1 mL	CRM48902
EPA 8270 Semivolatile Internal Standard Mix, certified reference material, TraceCERT®, 2000 µg/mL each component in methylene chloride, ampule of 5 × 1 mL	CRM5M07296
EPA Phthalate Esters Mix, certified reference material, 2000 µg/mL each component in methanol, ampule of 1 mL	CRM48805
EPH Aliphatics, certified reference material, 1000 µg/mL in hexane	UST126-1.5ML
EPH Aromatic Hydrocarbon Standard, certified reference material, 1000 µg/mL in methylene chloride	UST116-1.5ML
EPH Aromatic Hydrocarbon Standard, certified reference material, 2000 µg/mL in methylene chloride	UST115-1.5ML
EPH by GC/FID, certified reference material, 50000 µg/mL in methylene chloride	UST1081-1.5ML
EPH by GC/FID 2, certified reference material	UST1082-1.5ML
EPH Fractionation Solution, certified reference material, 25 µg/mL in hexane	UST117-1.5ML

* Name	Catalog Number
EPH Matrix Spike, certified reference material, 50 µg/mL in acetone	UST123-4X25ML
EPH Surrogate Spiking Solution, certified reference material, 2000 µg/mL in acetone	UST118-1.5ML
Fathead minnow (Pimephales promelas), 7-day Chronic, daily renewal, 20% DMW	QCWET016-1EA
Fathead minnow (Pimephales promelas), 7-day Chronic, daily renewal, MHSF	QCWET015-1EA
Fathead minnow (Pimephales promelas), 48-hr Acute, nonrenewal, 25°C, 20% DMW	QCWET014-1EA
Fathead minnow (Pimephales promelas), 48-hr Acute, nonrenewal, 25°C, MHSF	QCWET013-1EA
Ferrous Iron in Water - WP, certified reference material	QC1104-20ML
Fixed Solids and Bicarbonate - WP, certified reference material	QC1183-1.2G
Fluoride in Water, certified reference material	QC3162-500ML
Fluoride, MDL Standard, certified reference material	MDL009-20ML
Formaldehyde IC Standard, analytical standard	ICS045-100ML ICS045-500ML
Formaldehyde in Water, certified reference material	QC1380-20ML
Free Cyanide IC Standard, analytical standard	ICS012-100ML ICS012-500ML
Gasoline Additives - WS, certified reference material	QC1466-2ML
Gasoline in Water, certified reference material	QC1798-2ML
Gasoline in Water - AK Methods, certified reference material	QC1817-2ML
Gasoline Range Organics (GRO), certified reference material, 1000 µg/mL each component in methylene chloride	UST153-1.5ML
Hardness, Calcium 1000 mg/L Calibration Standard, certified reference material	HARD1000-100ML HARD1000-500ML
Hardness, Total 1000 mg/L Calibration Standard, certified reference material	THRD1000-100ML THRD1000-500ML
Hardness/TSS - Whole Volume, certified reference material	QC3074-500ML
Herbicides, certified reference material	QC1124-2ML
Herbicides I, certified reference material	QC1486-2ML
Herbicides 2A, certified reference material	QC1151-2ML
Herbicides 2B, certified reference material	QC1139-2ML
Herbicides DE-PT Water Supply (lower level), Proficiency Testing Material	PE1637-2ML
Herbicides II, certified reference material	QC1310-2ML
Herbicides/Pesticides DE-PT Water Supply (lower level), Proficiency Testing Material	PE1631-2ML
Inland silverside (Menidia beryllina), 7-day Chronic, daily renewal, SSW	QCWET045-1EA
Inland silverside (Menidia beryllina), 48-hr Acute, nonrenewal, 25°C, SSW	QCWET044-1EA
Iodate in Water, certified reference material	QC1243-20ML
Iodide in Water, certified reference material	QC1047-20ML
Kjeldahl Nitrogen, Total (TKN), certified reference material	QC1575-2ML
Kjeldahl Nitrogen, Total (TKN) 1000mg/L Calibration Standard, certified reference material	TKN1000-100ML TKN1000-500ML
Low Level PAHs - WP, certified reference material	QC1223-2ML
Low Level Pesticides 1, certified reference material	QC1321-2ML
Low Level Pesticides 2, certified reference material	QC1491-2ML
Matrix Modifier, Hard Water, certified reference material	MMM001-20ML MMM001-5X20ML
Matrix Modifier, Very Hard Water, certified reference material	MMH001-20ML MMH001-5X20ML
MBAS - Whole Volume, certified reference material	QC3337-500ML
MBAS - Whole Volume, certified reference material	QC3144-500ML
Mercury (Low Level), certified reference material	QC1432-20ML
Mercury (Low Level) - Whole Volume, certified reference material	QC3432-500ML
Mercury (Low Level) - WP, certified reference material	QC1205-20ML

Selected Certified Reference Materials

Environmental Standards: Waste Water

* Name	Catalog Number
Mercury, MDL Standard, certified reference material	MDL018-2ML
Mercury - Whole Volume, certified reference material	QC3129-500ML
Mercury - WP, certified reference material	QC1129-20ML
Methanol in Water, certified reference material	QC1543-2ML
Methyl Mercury in Water, Proficiency Testing Material	PE1100-1.5ML
Minerals, certified reference material	QC1041-1KT
Minerals in Seawater - Whole Volume, certified reference material	QC3136-500ML
Minerals - Whole Volume, certified reference material	QC3041-500ML
Moderately Hard Water, certified reference material	MML001-20ML MML001-5X20ML
Molybdate IC Standard, analytical standard	ICS036-100ML ICS036-500ML
Mysid (Mysidopsis bahia, Americamysis bahia), 7-day Chronic, daily renewal, SSW	QCWET043-1EA
Mysid (Mysidopsis bahia, Americamysis bahia), 48-hr Acute, nonrenewal, 25°C, SSW	QCWET042-1EA
Nitrate as N, MDL Standard, certified reference material	MDL020-2ML
Nitrite, certified reference material	QC1153-2ML
Nitrite as N, MDL Standard, certified reference material	MDL010-2ML
Nitrogen Pesticides, certified reference material	QC1011-2ML
Nitrosamines/Nitroaromatics - WP, certified reference material	QC1040-2ML
Nonionic Surfactants, certified reference material	QC1197-20ML
Nutrients C/V Sample 1, certified reference material	QC1166-20ML
Nutrients C/V Sample 2, certified reference material	QC1001-2ML
NWTPH-Gx Surrogate Standard, certified reference material, 2500 µg/mL in methanol	UST114-1.5ML
NWTPH-HCID retention Time Standard, certified reference material, 2500 µg/mL in methylene chloride	UST112-1.5ML
NWTPH-HCID Surrogate Standard, certified reference material, 5000 µg/mL in methylene chloride	UST113-1.5ML
NYSDEC Stars VOA, certified reference material, 2000 µg/mL in methanol	UST109-1.5ML
Oil and Grease, certified reference material	QC1404-2ML
Oil and Grease, certified reference material	QC1083-2ML
Oil and Grease 1000 mg/L Calibration Standard, certified reference material, in H ₂ O	OG1000-250ML
Oil and Grease 100 mg/L Calibration Standard, certified reference material, in H ₂ O	OG100-250ML
Oil and Grease-Constant Value, certified reference material	QC1150-2ML
Oil and Grease in Seawater - Whole Volume, certified reference material	QC3131-250ML
Oil and Grease, MDL Standard, certified reference material	MDL011-2ML
Oil and Grease - Whole Volume, certified reference material	QC3083-250ML
Oil by FTIR - WP	QC1293-2ML
Organic Disinfection By-Products - WS, certified reference material	QC1425-2ML
Organochlorine Pesticides 1 - WS, certified reference material	QC1595-2ML
Organochlorine Pesticides 2 - WS, certified reference material	QC1550-2ML
Organonitrogen Pesticides - WS, certified reference material	QC1400-2ML
Organophosphorus Pesticides in Water (Low Level) - WP, certified reference material	QC1377-2ML
Organophosphorus Pesticides - WI, certified reference material	QC1118-2ML
Organophosphorus Pesticides 1 - WP, certified reference material	QC1161-2ML
Organotin in Water - WP, certified reference material	QC1566-2ML
Oxidation - Reduction - WP, certified reference material	QC1263-30ML
Oxygenates in Water - WP, certified reference material	QC1265-2ML

* Name	Catalog Number
PAH Calibration Mix, TraceCERT®, certified reference material, 10 µg/mL each component in acetonitrile	CRM47940
PAH DE-PT, Proficiency Testing Material	PE1623-2ML
PBDEs in water, certified reference material	QC1398-2ML
PCB Congeners in Water - WP, certified reference material	QC1116-2ML
PCBs in Transformer Oil, certified reference material	QC1275-2ML
PCBs in Water - WP, certified reference material	QC1033-2ML
PCBs - WS, certified reference material	QC1579-2ML
Perchlorate - WP, certified reference material	QC1178-2ML
Perchlorate - WS, certified reference material	QC1351-2ML
Pesticides DE-PT Water Supply (lower level), Proficiency Testing Material	PE1640-2ML
Pesticides 1 - WP, certified reference material	QC1280-2ML
Pesticides 2 - WP, certified reference material	QC1201-2ML
pH 2 Buffer - 500mL, certified reference material	QC1255-500ML
pH 12.5 Buffer - 500mL, certified reference material	QC1089-500ML
pH and Conductivity in Seawater	QC3146-500ML
pH 4 Buffer, certified reference material	QC1121-100ML QC1121-250ML QC1121-500ML QC1121-1L QC1121-10L
pH 7 Buffer, certified reference material	QC1127-100ML QC1127-250ML QC1127-500ML QC1127-1L QC1127-10L
pH 10 Buffer, certified reference material	QC1117-250ML QC1117-500ML QC1117-1L QC1117-10L
pH - Constant Value, certified reference material	QC1085-20ML
Phenolics in Water - MDL 0.002mg/L, certified reference material	MDL021-2ML
Phenolics C/V Sample 1, certified reference material	QC1246-2ML
Phenolics C/V Sample 2, certified reference material	QC1167-2ML
Phenolics, Total, certified reference material	QC1329-2ML
Phenol - Whole Volume, certified reference material	QC3134-500ML
Phthalates, certified reference material	QC1412-2ML
pH - Water, certified reference material	QC1210-20ML QC1210-100ML QC1210-250ML
pH-WS, certified reference material	QC1368-20ML QC1368-100ML QC1368-250ML
PNAs in Water - WS, certified reference material	QC1301-2ML
Polynuclear Aromatic Hydrocarbons Mix, certified reference material, TraceCERT®, 2000 µg/mL each component in methylene chloride: benzene (1:1)	CRM48905
Primary VPH Standard, certified reference material	UST124-1.5ML
Primary VPH Standard without Surrogate, certified reference material	UST125-1.5ML
Primary VPH Stock Solution, certified reference material, 20000 µg/mL in methanol	UST119-1.5ML
Pyrethroids in Ground Water - WS, certified reference material	QC1317-2ML
Pyrethroids in Waste Water - WP, certified reference material	QC1122-2ML
Residual Chlorine - Constant Value, certified reference material	QC1277-2ML
Residual Free Chlorine (RFC), certified reference material	QC1450-2ML
Residue, certified reference material	QC1050-1.5G
Residue/pH - Whole Volume, certified reference material	QC3119-500ML
Residue Sample 1, certified reference material	QC1298-1G
Residue Sample 2, certified reference material	QC1283-1G

3: Analytical Applications & Standards

Selected Certified Reference Materials

Environmental Standards: Waste Water

* Name	Catalog Number
Residue Volatile - Constant Value, Whole Volume	QC3283-500ML
Residue (Whole-Volume) - WP, certified reference material	QC3050-500ML
Residue (Whole-Volume) - WS, certified reference material	QC1490-500ML
Retention Time Mix, certified reference material, 1000 µg/mL in methylene chloride	UST110-1.5ML
Revised PVOIC Mixture, certified reference material, 2000 µg/mL each component in methanol	UST105-1.5ML
RRO Standard, certified reference material, 50000 µg/mL in methylene chloride	UST50-1.5ML
RRO Standard, certified reference material, 1000 µg/mL in methylene chloride	UST10-1.5ML
Salinity	QC1090-500ML
Salt Water, certified reference material	MMS001-20ML MMS001-5X20ML
Settleable Solids/Volatile Residue - Whole Volume, certified reference material	QC3192-1L
Settleable Solids - WP, certified reference material	QC1194-1.2G QC1194-1EA
Settleable Solids - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1194-1EA
Sheepshead minnow (Cyprinodon variegatus), 7-day Chronic, daily renewal, SSW	QCWET047-1EA
Sheepshead minnow (Cyprinodon variegatus), 48-hr Acute, nonrenewal, 25°C, SSW	QCWET046-1EA
Silica in Seawater - Whole Volume, certified reference material	QC3111-500ML
Silica - Whole Volume, certified reference material	QC3078-500ML
Silica - WP, certified reference material	QC1078-20ML
Silica - WS, certified reference material	QC1350-20ML
Simple Nutrients, certified reference material	QC1195-20ML
Simple Nutrients in Seawater - Whole Volume, certified reference material	QC3179-500ML
Simple Nutrients - Whole Volume, certified reference material	QC3198-500ML
Sodium Azide 0.05% Solution	RTC000068-1L
Solvents in Water, certified reference material	QC1461-2ML
Speciation-arsenic and selenium - Quality Control (QC)	QC1075-20ML
Stock Multi-Ion Std 1, certified reference material	MSS001-100ML
Stock Multi-Ion Std 3, certified reference material	MSS003-100ML
Stock Multi-Ion Std 4, certified reference material	MSS004-100ML
Stock Multi-Ion Std 5, certified reference material	MSS005-100ML
Stock Multi-Ion Std 6, certified reference material	MSS006-100ML
Sulfate, certified reference material	QC1112-20ML
Sulfate, MDL Standard 0.1mg/L, certified reference material	MDL013-20ML
Sulfate, MDL Standard 1.0mg/L, certified reference material	MDL014-20ML
Sulfate, MDL Standard 10mg/L, certified reference material	MDL015-20ML
Sulfide IC Standard, analytical standard	ICS023-100ML ICS023-500ML
Sulfide in Seawater - Whole Volume, certified reference material	QC3276-500ML
Sulfide - Whole Volume, certified reference material	QC3034-500ML
Sulfide - WP, certified reference material	QC1034-20ML
Sulfite in Water, certified reference material	QC1541-20ML
Sulfur - WP, certified reference material	QC1285-20ML
Surfactant (MBAS) 1000 mg/L Calibration Standard, certified reference material	MBAS1000-100ML MBAS1000-500ML
Surfactant (MBAS) 100 mg/L Calibration Standard, certified reference material	MBAS100-100ML MBAS100-500ML
Tannin and Lignin - Whole Volume, certified reference material	QC3073-500ML
Tannin and Lignin - WP, certified reference material	QC1073-20ML

* Name	Catalog Number
TCL Volatiles Mix, certified reference material, TraceCERT®	CRM48949
TDS 1500 mg/L Calibration Std, certified reference material	TDS1500-500ML
TDS, MDL Standard, certified reference material	MDL016-20ML
Thiocyanate IC Standard, analytical standard	ICS025-100ML ICS025-500ML
Thiocyanate in Water, certified reference material	QC1392-2ML
Thiocyanate in Water, certified reference material	QC1149-2ML
Thiosulfate IC Standard, analytical standard	ICS024-100ML ICS024-500ML
Titanium and Tin-WP, certified reference material	QC1154-20ML
TNRCC Method 1005 Calibration Mix, certified reference material, 1000 µg/mL in pentane	UST131-1.5ML
TNRCC Method 1005 Retention Time Marker, certified reference material, 500 µg/mL in pentane	UST133-1.5ML
TNRCC Method Window Defining Mix, certified reference material, 200 µg/mL in pentane	UST103-1.5ML
TOC 1000 mg/L Calibration Standard, certified reference material	TOC1000-100ML TOC1000-500ML
TOC 100 mg/L Calibration Standard, certified reference material	TOC100-100ML TOC100-500ML
TOC - Whole Volume, certified reference material	QC3308-500ML
TOC-WS, certified reference material	QC1308-20ML
Toluene-d ₈ solution, certified reference material, TraceCERT®, 2000 µg/mL in methanol	CRM48593
Total Cyanide, certified reference material	QC1573-2ML
Total Cyanide-WP, certified reference material	QC1054-2ML
Total Dissolved Solids 1000 mg/L Calibration Standard, certified reference material	TDS1000-100ML TDS1000-500ML
Total Organic Halides in Seawater -Whole Volume, certified reference material	QC3137-500ML
Total Organic Halides (TOX) - WP, certified reference material	QC1070-2ML
Total Petroleum Hydrocarbons (TPH), certified reference material	QC1452-2ML
Total Petroleum Hydrocarbons (TPH) in Water, Proficiency Testing Material	PE1293-2ML
Total Phenolics, certified reference material	QC1134-2ML
Total Phenolics 1000mg/L Calibration Standard, certified reference material	TPC1000-100ML TPC1000-500ML
Total Phenolics 100mg/L Calibration Standard, certified reference material	TPC100-100ML TPC100-500ML
Total phosphorous MDL Standard, certified reference material	MDL012-2ML
Total Phosphorus 1000 mg/L Calibration Standard, certified reference material	TPO1000-100ML TPO1000-500ML
Total Recoverable Petroleum Hydrocarbons (TRPH) - WP, certified reference material	QC1272-2ML
Total Residual Chlorine (Low Level) - WP, certified reference material	QC1152-2ML
Total Residual Chlorine-WP, certified reference material	QC1065-2ML
Total Solids, MDL Standard, certified reference material	MDL022-1L
Total Suspended Solids 1000 mg/L Calibration Standard, certified reference material	TSS1000-100ML TSS1000-500ML
Total Suspended Solids 100 mg/L Calibration Standard, certified reference material	TSS100-100ML TSS100-500ML
Total Suspended Solids 10 mg/L Calibration Standard, certified reference material	TSS10-100ML TSS10-500ML
Toxaphene (Total) - WS, certified reference material	QC1544-2ML
Toxaphene - WP, certified reference material	QC1094-2ML
TPH in Water, certified reference material	QC1800-2ML
TPH in Water (high level), certified reference material	QC1619-2ML
TPH in Water (low level), certified reference material	QC1799-2ML
TPH Mix, certified reference material, 2000 µg/mL in methylene chloride	UST127-1.5ML

Selected Certified Reference Materials

Environmental Standards: Waste Water

* Name	Catalog Number
TPH Surrogate	UST101-1.5ML
TPH Surrogate, certified reference material, 6000 µg/ mL in methylene chloride: carbon disulfide (1:1)	UST102-1.5ML
TPH Surrogate, certified reference material, 1000 µg/ mL in methanol	UST106-1.5ML
Trace Metals 2, certified reference material	QC1458-20ML
Trace Metals 3, certified reference material	QC1448-20ML
Trace Metals AA Sample 1, certified reference material	QC1014-20ML
Trace Metals AA Sample 2, certified reference material	QC1273-20ML
Trace Metals AA Sample 3, certified reference material	QC1287-20ML
Trace Metals (Dissolved) - 1, certified reference material	QC1038-20ML
Trace Metals (Dissolved) - 2, certified reference material	QC1005-20ML
Trace Metals-ICP Sample 1, certified reference material	QC1187-20ML
Trace Metals-ICP Sample 2, certified reference material	QC1286-20ML
Trace Metals 1 in Seawater - Whole Volume, certified reference material	QC3163-500ML
Trace Metals 2 in Seawater - Whole Volume, certified reference material	QC3189-500ML
Trace Metals 1 - Whole Volume, certified reference material	QC3132-500ML
Trace Metals 2 - Whole Volume, certified reference material	QC3053-500ML
Trace Metals (Whole Volume) Sample 1	QC3488-500ML
Trace Metals (Whole Volume) Sample 2, certified reference material	QC3458-500ML
Trace Metals 1-WP, certified reference material	QC1132-20ML
Trace Metals 2-WP, certified reference material	QC1052-20ML
Trace Metals 1 - WS, certified reference material	QC1488-20ML
Triazine Pesticides, certified reference material	QC1212-2ML
Triazine Pesticides Standards Mix, certified reference material, TraceCERT®, 100 µg/mL each component in methanol	CRM48392
Trichlorobenzenes in Water, certified reference material	QC1322-2ML
Trihalomethanes DE-PT, Proficiency Testing Material	PE1621-2ML
Trihalomethanes - WS, certified reference material	QC1456-2ML
TSS in Seawater	QC1208-500ML
TSS, MDL Standard, certified reference material	MDL017-20ML
TSS/pH (whole volume) in Seawater, certified reference material	QC1031-500ML
Tungsten in water, certified reference material	QC1267-20ML
Turbidity, certified reference material	QC1342-2ML
Turbidity 0.5 NTU Calibration Standard - Formazin, certified reference material	TURB05-100ML TURB05-500ML TURB05-1L
Turbidity 0.5 NTU Calibration Standard - Polymer Bead, certified reference material	TURB05P-100ML TURB05P-500ML TURB05P-1L
Turbidity 1 NTU Calibration Standard - Formazin, certified reference material	TURB1-100ML TURB1-500ML TURB1-1L
Turbidity 1 NTU Calibration Standard - Polymer Bead, certified reference material	TURB1P-100ML TURB1P-500ML TURB1P-1L
Turbidity 2 NTU Calibration Standard - Formazin, certified reference material	TURB2-100ML TURB2-500ML TURB2-1L
Turbidity 2 NTU Calibration Standard - Polymer Bead, certified reference material	TURB2P-100ML TURB2P-500ML TURB2P-1L
Turbidity 4 NTU Calibration Standard - Formazin, certified reference material	TURB4-100ML TURB4-500ML TURB4-1L

* Name	Catalog Number
Turbidity 4 NTU Calibration Standard - Polymer Bead, certified reference material	TURB4P-100ML TURB4P-500ML TURB4P-1L
Turbidity 5 NTU Calibration Standard - Formazin, certified reference material	TURB5-100ML TURB5-500ML TURB5-1L
Turbidity 5 NTU Calibration Standard - Polymer Bead, certified reference material	TURB5P-100ML TURB5P-500ML TURB5P-1L
Turbidity 10 NTU Calibration Standard - Formazin, certified reference material	TURB10-100ML TURB10-500ML TURB10-1L
Turbidity 10 NTU Calibration Standard - Polymer Bead, certified reference material	TURB10P-100ML TURB10P-500ML TURB10P-1L
Turbidity 20 NTU Calibration Standard - Formazin, certified reference material	TURB20-100ML TURB20-500ML TURB20-1L
Turbidity 20 NTU Calibration Standard - Polymer Bead, certified reference material	TURB20P-100ML TURB20P-500ML TURB20P-1L
Turbidity 50 NTU Calibration Standard - Formazin, certified reference material	TURB50-100ML TURB50-500ML TURB50-1L
Turbidity 50 NTU Calibration Standard - Polymer Bead, certified reference material	TURB50P-100ML TURB50P-500ML TURB50P-1L
Turbidity 100 NTU Calibration Standard - Formazin, certified reference material	TURB100-100ML TURB100-500ML TURB100P-1L TURB100-1L
Turbidity 100 NTU Calibration Standard - Polymer Bead, certified reference material	TURB100P-100ML TURB100P-500ML
Turbidity 500 NTU Calibration Standard - Formazin, certified reference material	TURB500-100ML TURB500-500ML TURB500-1L
Turbidity 500 NTU Calibration Standard - Polymer Bead, certified reference material	TURB500P-100ML TURB500P-500ML TURB500P-1L
Turbidity 1000 NTU Calibration Standard - Formazin, certified reference material	TURB1000-100ML TURB1000-500ML TURB1000-1L
Turbidity 1000 NTU Calibration Standard - Polymer Bead, certified reference material	TURB1000P-100ML TURB1000P-500ML TURB1000P-1L
Turbidity 2000 NTU Calibration Standard - Formazin, certified reference material	TURB2000-100ML TURB2000-500ML TURB2000-1L
Turbidity 2000 NTU Calibration Standard - Polymer Bead, certified reference material	TURB2000P-100ML TURB2000P-500ML TURB2000P-1L
Turbidity 4000 NTU Calibration Standard - Formazin, certified reference material	TURB4000-100ML TURB4000-500ML TURB4000-1L
Turbidity 4000 NTU Calibration Standard - Polymer Bead, certified reference material	TURB4000P-100ML TURB4000P-500ML TURB4000P-1L
Turbidity - Constant Value, certified reference material	QC1071-2ML
Turbidity - Whole Volume, certified reference material	QC3342-500ML
Turbidity - Whole Volume - Quality Control (QC)	QC3081-500ML
Turbidity - WP, certified reference material	QC1081-20ML
Unleaded Gasoline, certified reference material, 5000 µg/mL in methanol	UST155-1.5ML
Unleaded Gasoline, certified reference material, 5000 µg/mL in methylene chloride	UST145-1.5ML
Unleaded Gasoline, certified reference material, 50,000 µg/mL in methylene chloride	UST146-1.5ML
Unleaded Gasoline, certified reference material, in methanol	UST156-1.5ML
Uranium - WP, certified reference material	QC1209-20ML
Uranium - WS, certified reference material	QC1548-20ML
UST MIX, certified reference material, 2000 µg/mL in methanol	UST111-1.5ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Environmental Standards: Waste Water

* Name	Catalog Number
UV254 - Whole Volume, certified reference material	QC3506-500ML
UV 254 - WS, certified reference material	QC1506-20ML
VOC DE-PT, Proficiency Testing Material	PE1620-2ML
Volatile Organic Compounds 1 - WP, certified reference material	QC1250-2ML
Volatile Residue/Fixed Solids, certified reference material	QC1282-1.2G
Volatile Residue - WP, certified reference material	QC1091-1.2G
VPH Matrix Spiking Solution, certified reference material	UST120-1.5ML
Waste Motor Oil, certified reference material, 5000 µg/mL in methylene chloride	UST143-1.5ML
Waste Motor Oil, certified reference material, 50000 µg/mL in methylene chloride	UST144-1.5ML
Waste Water - Simulated - Matrix Mod., certified reference material	MMW001-20ML MMW001-5X20ML MMW001-250ML
Water Determination - Coulometric, Proficiency Testing Material	PE1819-2X15ML
Water Determination - Volumetric, Proficiency Testing Material	PE1818-1G
30 Weight Oil, certified reference material, 5000 µg/mL in hexane	UST138-1.5ML
30 Weight Oil, certified reference material, 50,000 µg/mL in hexane	UST191-1.5ML
WIP VOA Standard, certified reference material	UST104-1.5ML

Drinking Water

* Name	Catalog Number
Chlorinated hydrocarbons	QC1253-2ML
Chlorinated Hydrocarbons- WP, Proficiency Testing Material	PE1253-2ML
EPA 501/601 Trihalomethanes Calibration Mix, certified reference material, TraceCERT®, 100 µg/mL each component in methanol, ampule of 1 mL	CRM47904
EPA 501/601 Trihalomethanes Calibration Mix, certified reference material, TraceCERT®, 200 µg/mL each component in methanol, ampule of 1 mL	CRM48746
EPA 501/601 Trihalomethanes Calibration Mix, certified reference material, TraceCERT®, 2000 µg/mL in methanol, ampule of 1 mL	CRM48140
EPA 502/524 Volatiles Organic Calibration Mix A (without gases), certified reference material, 200 µg/mL each component in methanol, ampule of 1 mL	CRM47933
EPA 551B Halogenated Volatiles Mix, certified reference material, 2000 µg/mL each component in <i>tert</i> -butyl methyl ether, ampule of 1 mL	CRM48046
EPA VOC Mix 1, certified reference material, 2000 µg/mL each component in methanol, ampule of 1 mL	CRM48775
EPA VOC Mix 2, certified reference material, 2000 µg/mL each component in methanol, ampule of 1 mL	CRM48777
EPA VOC Mix 3, certified reference material, 2000 µg/mL each component in methanol	CRM48779
EPA VOC Mix 4, certified reference material, 2000 µg/mL each component in methanol, ampule of 1 mL	CRM48786
EPA VOC Mix 5, certified reference material, 2000 µg/mL each component in methanol, ampule of 1 mL	CRM48797
(±)-Geosmin solution, certified reference material, TraceCERT®, 100 µg/mL in methanol, ampule of 1 mL	CRM47522
(±)-Geosmin and 2-Methylisoborneol Solution, certified reference material, TraceCERT®, 100 µg/mL each component in methanol, ampule of 1 mL	CRM47525
ISO 17943 57 Component VOC Mix, certified reference material, 200 µg/mL each component in methanol	44926-U
ISO 17943 Odor Compounds Mix, certified reference material, 200 µg/mL each component in methanol, ampule of 1 mL	44923-U

* Name	Catalog Number
Korean Drinking Water VOC Mix A, certified reference material, 100 µg/mL each component in methanol, ampule of 1 mL	CRM506575
2-Methylisoborneol solution, certified reference material, TraceCERT®, 100 µg/mL in methanol, ampule of 1 mL	CRM47523
pH - Field PT, Proficiency Testing Material	PE10026-60ML
TNRCC Method 1005 Matrix Spike Mix, certified reference material, 1000 µg/mL in pentane	UST132-10X1.2ML UST132-1.5ML
Volatile Organic Compounds Mix 6, certified reference material, 2000 µg/mL each component in methanol	CRM48799

Explosives

* Name	Catalog Number
2-Amino-4,6-dinitrotoluene, vial of 100 mg, analytical standard	ERA-017-100MG
4-Amino-2,6-dinitrotoluene, vial of 100 mg, analytical standard	ERA-018-100MG
Dinitroethylene glycol solution, 1000 µg/mL in acetonitrile, ampule of 1.2 mL, certified reference material	ERD-148S-1.2ML
Dinitroethylene glycol solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-004-1ML
1,2-Dinitroglycerin solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-010-1ML
1,2-Dinitroglycerin solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-002-1ML
1,3-Dinitroglycerin solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-011-1ML
1,3-Dinitroglycerin solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	D-003-1ML
2,4-Dinitrotoluene solution, 10 mg/mL in acetonitrile, ampule of 5 mL, certified reference material	ERD-152S-5ML
2,4-Dinitrotoluene solution, 1000 µg/mL in acetonitrile, ampule of 1.2 mL, certified reference material	ERD-033S-1.2ML
HMX solution, 10 mg/mL in acetonitrile, ampule of 5 mL, certified reference material	ERH-050S-5ML
HMX solution, 1000 µg/mL in acetonitrile, ampule of 1.2 mL, certified reference material	ERH-004S-1.2ML
1-Mononitroglycerin solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-077-1ML
1-Mononitroglycerin solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-001-1ML
2-Mononitroglycerin solution, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-078-1ML
2-Mononitroglycerin solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	M-002-1ML
Pentaerythritol tetranitrate solution, 1000 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	P-037-1ML
Pentaerythritol tetranitrate solution, 10 mg/mL in acetonitrile, ampule of 5 mL, certified reference material	ERP-109S-5ML
RDX solution, 10 mg/mL in acetonitrile, ampule of 5 mL, certified reference material	ERR-005S-5ML
RDX solution, 1000 µg/mL in acetonitrile, ampule of 1.2 mL, certified reference material	ERR-001S-1.2ML
Tetryl solution, 1000 µg/mL in acetonitrile, ampule of 1.2 mL, certified reference material	ERT-021S-1.2ML
Trinitroglycerin solution, 1 % (w/w) in propylene glycol, ampule of 1 mL, certified reference material	T-021-1ML
Trinitroglycerin solution, 1000 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	T-002-1ML
2,4,6-Trinitrotoluene solution, 10 mg/mL in acetonitrile, ampule of 5 mL, certified reference material	ERT-107S-5ML
2,4,6-Trinitrotoluene solution, 1000 µg/mL in acetonitrile, ampule of 1.2 mL, certified reference material	ERT-022S-1.2ML

Food & Agriculture

* Name	Catalog Number
Absolute Alcohol, (isotope ratio), BCR® certified Reference Material	BCR656-25ML
Aflatoxin B ₁ solution, 3.79 µg/g in acetonitrile, ERM® certified Reference Material	ERMAC057-4ML
Aflatoxin B ₁ solution, certified reference material, 3 µg/mL in benzene:acetonitrile (98:2), ampule of 1 mL	CRM46323
Aflatoxin B ₁ solution, certified reference material, 20 µg/mL in methanol, ampule of 1 mL	CRM44647
Aflatoxin B ₂ solution, 3.80 µg/g in acetonitrile, ERM® certified Reference Material	ERMAC058-4ML
Aflatoxin G ₁ solution, 3.78 µg/g in acetonitrile, ERM® certified Reference Material	ERMAC059-4ML
Aflatoxin G ₁ solution, certified reference material, 3 µg/mL in benzene:acetonitrile (98:2), ampule of 1 mL	CRM46325
Aflatoxin G ₂ solution, certified reference material, 3 µg/mL in benzene:acetonitrile (98:2), ampule of 1 mL	CRM46326
Aflatoxin G ₂ solution, 3.80 µg/g in acetonitrile, ERM® certified Reference Material	ERMAC060-4ML
Aflatoxin M ₁ solution, certified reference material, 10 µg/mL in acetonitrile, ampule of 1 mL	CRM46319
Aflatoxin mix, certified reference material, in benzene:acetonitrile (98:2 ; varied conc.), ampule of 5 × 1 mL	CRM46300
Aflatoxin Mix, certified reference material, in methanol (varied conc.), ampule of 1 × 5 mL	CRM46303
Aflatoxin Mix, certified reference material, in methanol (varied conc.), ampule of 5 × 1 mL	CRM46304
Aflatoxin B ₂ solution, certified reference material, 3 µg/mL in benzene:acetonitrile (98:2), ampule of 1 mL	CRM46324
Ammonium phosphate monobasic, analytical standard, for nitrogen determination according to Kjeldahl method, ≥99.5%	88431-25G
Ammonium sulfate, analytical standard, for Nitrogen Determination According to Kjeldahl Method, traceable to NIST SRM 194	59845-25G
Animal feed (OCP's), BCR® certified Reference Material	BCR115-30G
Apple (dietary fibre), ERM® certified Reference Material	ERMBC516-25G
Artificial foodstuff (Sucrose, Lactose and starch/ glucose), BCR® certified Reference Material	BCR645-50G
Beer (EtOH, low level), BCR® certified Reference Material	BCR651-10ML
Bovine urine (stilbenes), ERM® certified Reference Material	ERMBB389-1EA
Bovine urine (stilbenes), ERM® certified Reference Material	ERMBB386-1EA
Bran breakfast cereal (dietary fibre), ERM® certified Reference Material	ERMBD518-25G
Brown bread (trace elements), BCR® certified Reference Material	BCR191-25G
Canned fresh chub, BCR® certified Reference Material	BCR719-70G
Canned fresh herring, BCR® certified Reference Material	BCR718-70G
Carrot (dietary fibre), ERM® certified Reference Material	ERMBC515-25G
Coconut oil (PAH blank), BCR® certified Reference Material	BCR459-45G
Compound feed (aflatoxin B ₁ , blank), BCR® certified Reference Material	BCR375-50G
Compound feedingstuff (aflatoxins, high level), ERM® certified Reference Material	ERMBC376-2X75G
Compound feedingstuff (aflatoxins, very low level), ERM® certified Reference Material	ERMBC375-2X75G
Dairy feed, BCR® certified Reference Material	BCR708-40G
Defatted peanut meal, BCR® certified Reference Material	BCR263R-100G
Defatted peanut meal (aflatoxin B ₁ , blank), BCR® certified Reference Material	BCR262R-100G

* Name	Catalog Number
Defatted peanut meal (aflatoxin B ₁ , high level), BCR® certified Reference Material	BCR264-150G
Deoxynivalenol solution, certified reference material, 200 µg/mL in ethyl acetate: methanol (95:5), ampule of 1 mL	CRM46911
all-cis-4, 7, 10, 13, 16, 19-Docosahexaenoic acid methyl ester, certified reference material, 10 mg/mL in heptane, ampule of 1 mL	CRM47570
cis-7,10,13,16,19-Docosapentenoic acid methyl ester, certified reference material, 10 mg/mL in heptane, ampule of 1 mL	CRM47563
EH92-527-1 Potato (blank), ERM® certified Reference Material, 0% EH92-527-1 potato, for the detection of GMO potato (EH92-527-1) with PCR	ERMBF421A-1G
EH92-527-1 Potato (level 1), ERM® certified Reference Material, 100% EH92-527-1 potato, for the detection of GMO potato (EH92-527-1) with PCR	ERMBF421B-0.5G
cis-5,8,11,14,17-Eicosapentaenoic acid methyl ester, certified reference material, 10 mg/mL in heptane, ampule of 1 mL	CRM47571
<i>Escherichia Coli</i> 0157 (NCTC 12900), IRMM® certified Reference Material	IRMM351-1EA
Ethanol in water (SNIF), BCR® certified Reference Material	BCR660-450ML
F.A.M.E. Mix, C14 - C22, certified reference material, wt. % (varied conc.), ampule of 100 mg	CRM18917
F.A.M.E. Mix, C8 - C22, certified reference material, ampule of 100 mg (Neat)	CRM18920
F.A.M.E. Mix, C8 - C24, certified reference material, ampule of 100 mg (Neat)	CRM18918
F.A.M.E. Mix GLC-10, certified reference material, pkg of 100 mg (Neat)	CRM1891
F.A.M.E. Mix RM-5, certified reference material, ampule of 100 mg (Neat)	CRM07506
Fish muscle (trace elements), ERM® certified Reference Material	ERMBB422-10G
Full fat soya (dietary fibre), ERM® certified Reference Material	ERMBC517-25G
Fusarenon X, analytical standard	33438-5MG
Glucose (isotope ratio), BCR® certified Reference Material	BCR657-1G
Glycine, analytical standard, for nitrogen determination according to Kjeldahl method	94119-10G
Grain FAME Mix, certified reference material, in dichloromethane, ampule of 1 mL	CRM47801
Haricots beans (dietary fibre), ERM® certified Reference Material	ERMBC514-25G
Japanese Aflatoxin Mixture, certified reference material, 25 µg/mL in acetonitrile, ampule of 5 × 1 mL	CRM40139
Linoleic Acid Methyl Ester Mix , cis/trans, certified reference material, 10 mg/mL in methylene chloride	CRM47791
Linolenic Acid Methyl Ester Isomer Mix, certified reference material, 10 mg/mL in dichloromethane, ampule of 1 mL	CRM47792
Loam soil (trace elements), ERM® certified Reference Material	ERMCC141-24G
Maize flour (deoxynivalenol, blank), BCR® certified Reference Material	BCR377-150G
Maize (low level zon), ERM® certified Reference Material	ERMBC717-60G
Maize (very low level ZON), ERM® certified Reference Material	ERMBC716-60G
Margarine (vitamins), BCR® certified Reference Material	BCR122-200G
Milk powder (oxytetracycline), BCR® certified Reference Material	43631-1SET
Mixed vegetables (vitamins), BCR® certified Reference Material	BCR485-25G
Natural milk powder (PCB's), BCR® certified Reference Material	BCR450-20G
Natural milk powder (pesticides), BCR® certified Reference Material	BCR187-20G

3: Analytical Applications & Standards

Selected Certified Reference Materials

Food & Agriculture

* Name	Catalog Number
Ochratoxin solution, certified reference material, 50 µg/mL in benzene: acetic acid (99:1), ampule of 1 mL	CRM46912
<i>trans</i> -6-Octadecenoic acid methyl ester, certified reference material, 10 mg/mL in heptane, ampule of 1 mL	CRM47199
<i>trans</i> -9-Octadecenoic acid methyl ester, certified reference material, 10 mg/mL in heptane, ampule of 1 mL	CRM46903
Patulin solution, certified reference material, 100 µg/mL in chloroform, ampule of 1 mL	CRM46914
Peanut butter (aflatoxin, low level), BCR® certified Reference Material	BCR385R-1EA
Peanut butter (aflatoxin low level), BCR® certified Reference Material	BCR401R-1EA
Peanut Test Material Kit, IRMM® certified Reference Material	IRMM481-1EA
L-Phenylalanine, analytical standard, for Nitrogen Determination According to Kjeldahl Method	91331-25G
Pig feed, BCR® certified Reference Material	BCR709-40G
Pig Kidney (CTC incurred), BCR® certified Reference Material	BCR707-5G
Pig kidney (trace elements), ERM® certified Reference Material	ERMBB186-10G
Pig liver (vitamins), BCR® certified Reference Material	BCR487-15G
Pike-perch (PFASs in fish tissue), IRMM® certified Reference Material	IRMM427-1EA
Plastic film (overall migration in olive oil, film A), BCR® certified Reference Material	BCR537-1EA
Plastic film (overall migration in olive oil, film C), BCR® certified Reference Material	BCR539-1EA
Pork fat (PCB), ERM® certified Reference Material, blank	ERMBB444-5G
Pork Muscle, ERM® certified Reference Material	ERMBB124-10G
Rapeseed (oil, moisture, volatiles), BCR® certified Reference Material	BCR446-153G
Rapeseed (oil, moisture, volatiles), BCR® certified Reference Material	BCR447-153G
Rapeseed (S, total glucosinolate), ERM® certified Reference Material, high level	ERMBC367-20G
Rapeseed (S, total glucosinolate), ERM® certified Reference Material, medium level	ERMBC190-20G
Rapeseed (S, total glucosinolate), ERM® certified Reference Material, low level	ERMBC366-20G
Rice flour (amylose, high level), BCR® certified Reference Material	BCR467-10G
Rice flour (amylose, low level), BCR® certified Reference Material	BCR465-10G
Rice flour (amylose, medium level), BCR® certified Reference Material	BCR466-10G
Rice flour (trace elements), IRMM® certified Reference Material	IRMM804-15G
Rye flour, ERM® certified Reference Material	ERMBC381-37G
Salmon tissue, BCR® certified Reference Material	BCR725-2.2G
Silica, colloidal, ERM® certified Reference Material	ERMF304-9ML
Single cell protein (major elements), BCR® certified Reference Material	BCR273-10G
Single cell protein (trace elements), BCR® certified Reference Material	BCR274-10G
Soya Bean Powder, certified Reference Material ERM-BF410, ERM® certified Reference Material, 0.1% Roundup Ready™	ERMBF410BK-1G
Soya DAS-68416-4 GMO standard ERM-BF432, ERM® certified Reference Material, blank	ERMBF432A-1G
Soya DAS-68416-4 GMO standard ERM-BF432, ERM® certified Reference Material, nominal 0.5% GMO	ERMBF432B-1G
Soya DAS-68416-4 GMO standard ERM-BF432, ERM® certified Reference Material, nominal 1.0% GMO	ERMBF432C-1G
Soya DAS-68416-4 GMO standard ERM-BF432, ERM® certified Reference Material, nominal 10.0% GMO	ERMBF432D-1G

* Name	Catalog Number
Soya-maize oil blend (fatty acid profile), BCR® certified Reference Material	BCR162R-5.5G
Spiked milk powder (pesticides), BCR® certified Reference Material, pesticides	BCR188-20G
Supelco 37 Component FAME Mix, certified reference material, TraceCERT®, in dichloromethane (varied conc.), ampule of 1 mL	CRM47885
Tetramethylurea, BCR® certified Reference Material	STA003M-500ML
Toasted Bread (Certified Value 425 ng/g Acrylamide, Uncertainty 29 ng/g), ERM® certified Reference Material	ERMBD273-1EA
Tracers in anhydrous butter fat, BCR® certified Reference Material	BCR633-5G
<i>cis</i> -11-Vaccenic acid methyl ester, certified reference material, 10 mg/mL in heptane, ampule of 1 mL	CRM46904
<i>trans</i> -11-Vaccenic methyl ester, certified reference material, 10 mg/mL in heptane, ampule of 1 mL	CRM46905
Volatile Free Acid Mix, certified reference material, 10m molar in deionized water, bottle of 100 mL	CRM46975
Wheat flour, ERM® certified Reference Material	ERMBC382-37G
Wheat flour (deoxynivalenol, blank), BCR® certified Reference Material	BCR396-150G
Wheat (ochratoxin A, blank), BCR® certified Reference Material	BCR471-55G
White cabbage (trace elements), BCR® certified Reference Material	BCR679-15G
Wholemeal flour (vitamins), BCR® certified Reference Material	BCR121-50G
Wine (EtOH, low level), BCR® certified Reference Material	BCR653-10ML
Zearalenone solution, certified reference material, 50 µg/mL in acetonitrile, ampule of 1 mL	CRM46916
Zearalenone in acetonitrile, ERM® certified Reference Material	ERMBC699-4ML

GMO Materials

* Name	Catalog Number
AM04-1020 Potato, ERM® certified Reference Material, (blank)	ERMBF430A-1G
AM04-1020 Potato, ERM® certified Reference Material, (nominal 1% GMO)	ERMBF430C-1G
AM04-1020 Potato, ERM® certified Reference Material, (nominal 4% GMO)	ERMBF430D-1G
AM04-1020 Potato, ERM® certified Reference Material, (nominal 10% GMO)	ERMBF430E-1G
AM04-1020 Potato, ERM® certified Reference Material, (nominal 100% GMO)	ERMBF430B-1G
BCR-ABL pDNA calibrant BCR-ABL pDNA calibrant, ERM® certified Reference Material	ERMAD623-6X0.6ML
Cotton seed GMO standard ERMBF422 for 281-24-236 x 3006-210-23, ERM® certified Reference Material, blank (0% 281-24-236x3006-210-23 cotton seed), for the detection of GMO cotton seed (281-24-236x3006-210-23) with PCR	ERMBF422A-1G
Cotton seed GMO standard ERMBF422 for 281-24-236 x 3006-210-23, ERM® certified Reference Material, level 1 (98% 281-24-236x3006-210-23 cotton seed), for the detection of GMO cotton seed (281-24-236x3006-210-23) with PCR	ERMBF422B-1G
Cotton seed GMO standard ERMBF422 for 281-24-236 x 3006-210-23, ERM® certified Reference Material, level 2 (1% 281-24-236x3006-210-23 cotton seed), for the detection of GMO cotton seed (281-24-236x3006-210-23) with PCR	ERMBF422C-1G
Cotton seed GMO standard ERMBF422 for 281-24-236 x 3006-210-23, ERM® certified Reference Material, level 3 (10% 281-24-236x3006-210-23 cotton seed), for the detection of GMO cotton seed (281-24-236x3006-210-23) with PCR	ERMBF422D-1G

Selected Certified Reference Materials

GMO Materials

* Name	Catalog Number
Cotton seed GMO standard ERM-BF422 for 281-24-236 x 3006-210-23, ERM® certified Reference Material, Set with blank, level 1, level 2 and level 3	44138-1SET
Cotton seed GMO standard GHB119, ERM® certified Reference Material, for the detection of GMO cotton seed GHB119 with PCR	ERMBF428A-1G
Cotton seed GMO standard GHB119, ERM® certified Reference Material, for the detection of GMO cotton seed GHB119 with PCR	ERMBF428B-1G
Cotton seed GMO standard GHB119, ERM® certified Reference Material, for the detection of GMO cotton seed GHB119 with PCR	ERMBF428C-1G
Cotton seed GMO standard GHB119, BCR® certified Reference Material, Set with 0%, 1% and 10% GHB119 Cotton seed	59663-1SET
Cotton seed GMO standard T304-40, ERM® certified Reference Material, for the detection of GMO cotton seed (T304-40) with PCR	ERMBF429B-1G
Cotton seed GMO standard T304-40, ERM® certified Reference Material, for the detection of GMO cotton seed (T304-40) with PCR	ERMBF429A-1G
GMO Genomic DNA Standard Set for Maize NK603, GA21 and CBH-351 "Starlink", analytical standard	69407-1SET-F
Maize GMO Standard 1507, 0% 1507, for the detection of GMO Maize (1507) with PCR	ERMBF418A-1G
Maize GMO Standard 1507, 0.1% 1507, for the detection of GMO Maize (1507) with PCR	ERMBF418B-1G
Maize GMO Standard 1507, 1% 1507, for the detection of GMO Maize (1507) with PCR	ERMBF418C-1G
Maize GMO Standard 1507, 10% 1507, for the detection of GMO Maize (1507) with PCR	ERMBF418D-1G
Maize GMO Standard 1507, Set with 0%, 0.1%, 1% and 10% 1507	49516-1SET
Maize GMO Standard 98140, ERM® certified Reference Material, for the detection of GMO Maize (98140) with PCR	ERMBF427A-1G
Maize GMO Standard 98140, ERM® certified Reference Material, for the detection of GMO Maize (98140) with PCR	ERMBF427B-1G
Maize GMO Standard 98140, ERM® certified Reference Material, for the detection of GMO Maize (98140) with PCR	ERMBF427C-1G
Maize GMO Standard 98140, ERM® certified Reference Material, for the detection of GMO Maize (98140) with PCR	ERMBF427D-1G
Maize GMO Standard 98140, BCR® certified Reference Material, Set with 0%, 0.5%, 2% and 10% 98140 maize	89416-1SET
Maize GMO Standard DAS-40278-9, 0% DAS-40278-9, for the detection of GMO Maize (DAS-40278-9) with PCR	ERMBF433A-1G
Maize GMO Standard DAS-40278-9, 0.5% DAS-40278-9, for the detection of GMO Maize (DAS-40278-9) with PCR	ERMBF433B-1G
Maize GMO Standard DAS-40278-9, 1% DAS-40278-9, for the detection of GMO Maize (DAS-40278-9) with PCR	ERMBF433C-1G
Maize GMO Standard DAS-40278-9, 10% DAS-40278-9, for the detection of GMO Maize (DAS-40278-9) with PCR	ERMBF433D-1G
Maize GMO Standard DP-004114-3, ERM® certified Reference Material, blank	ERMBF439A-1EA
Maize GMO Standard DP-004114-3, ERM® certified Reference Material, 100% DP-004114-3	ERMBF439B-1EA
Maize GMO Standard DP-004114-3, ERM® certified Reference Material, 0.1% DP-004114-3	ERMBF439C-1EA
Maize GMO Standard DP-004114-3, ERM® certified Reference Material, 1% DP-004114-3	ERMBF439D-1EA
Maize GMO Standard DP-004114-3, ERM® certified Reference Material, 10% DP-004114-3	ERMBF439E-1EA
Maize GMO Standard ERM-BF411, ERM® certified Reference Material, 0% Bt-176, for the detection of GMO maize (Br-176) with PCR	ERMBF411A-1G

* Name	Catalog Number
Maize GMO Standard ERM-BF411, ERM® certified Reference Material, 0.1% Bt-176, for the detection of GMO maize (Br-176) with PCR	ERMBF411B-1G
Maize GMO Standard ERM-BF411, ERM® certified Reference Material, 0.5% Bt-176, for the detection of GMO maize (Br-176) with PCR	ERMBF411C-1G
Maize GMO Standard ERM-BF411, ERM® certified Reference Material, 1% Bt-176, for the detection of GMO maize (Br-176) with PCR	ERMBF411D-1G
Maize GMO Standard ERM-BF411, ERM® certified Reference Material, 2% Bt-176, for the detection of GMO maize (Br-176) with PCR	ERMBF411E-1G
Maize GMO Standard ERM-BF411, ERM® certified Reference Material, 5% Bt-176, for the detection of GMO maize (Br-176) with PCR	ERMBF411F-1G
Maize GMO Standard ERM-BF412, ERM® certified Reference Material, 0% Bt-11, for the detection of GMO maize (Br-11) with PCR	ERMBF412A-1G
Maize GMO Standard ERM-BF412, ERM® certified Reference Material, 0.1% Bt-11, for the detection of GMO maize (Br-11) with PCR	ERMBF412B-1G
Maize GMO Standard ERM-BF412, ERM® certified Reference Material, 0.5% Bt-11, for the detection of GMO maize (Br-11) with PCR	ERMBF412C-1G
Maize GMO Standard ERM-BF412, ERM® certified Reference Material, 1% Bt-11, for the detection of GMO maize (Br-11) with PCR	ERMBF412D-1G
Maize GMO Standard ERM-BF412, ERM® certified Reference Material, 2% Bt-11, for the detection of GMO maize (Br-11) with PCR	ERMBF412E-1G
Maize GMO Standard ERM-BF413, <0.09% MON 810, for the detection of GMO maize (MON 810) with PCR	ERMBF413AK-1G
Maize GMO Standard ERM-BF413, 0.5% MON 810, for the detection of GMO maize (MON 810) with PCR	ERMBF413CK-1G
Maize GMO Standard ERM-BF413, 2% MON 810, for the detection of GMO maize (MON 810) with PCR	ERMBF413EK-1G
Maize GMO Standard ERM-BF413, 10% MON 810, for the detection of GMO maize (MON 810) with PCR	ERMBF413GK-1G
Maize GMO Standard ERM-BF414, ERM® certified Reference Material, 0% GA21, for the detection of GMO maize (GA21) with PCR	ERMBF414A-1G
Maize GMO Standard ERM-BF414, ERM® certified Reference Material, 0.1% GA21, for the detection of GMO maize (GA21) with PCR	ERMBF414B-1G
Maize GMO Standard ERM-BF414, ERM® certified Reference Material, 0.5% GA21, for the detection of GMO maize (GA21) with PCR	ERMBF414C-1G
Maize GMO Standard ERM-BF414, ERM® certified Reference Material, 1.0% GA21, for the detection of GMO maize (GA21) with PCR	ERMBF414D-1G
Maize GMO Standard ERM-BF414, ERM® certified Reference Material, 1.7% GA21, for the detection of GMO maize (GA21) with PCR	ERMBF414E-1G
Maize GMO Standard ERM-BF414, ERM® certified Reference Material, 4.3% GA21, for the detection of GMO maize (GA21) with PCR	ERMBF414F-1G
Maize GMO Standard ERM-BF415, ERM® certified Reference Material, 0% NK603, for the detection of GMO maize (NK603) with PCR	ERMBF415A-1G
Maize GMO Standard ERM-BF415, ERM® certified Reference Material, 0.1% NK603, for the detection of GMO maize (NK603) with PCR	ERMBF415B-1G
Maize GMO Standard ERM-BF415, ERM® certified Reference Material, 0.5% NK603, for the detection of GMO maize (NK603) with PCR	ERMBF415C-1G
Maize GMO Standard ERM-BF415, ERM® certified Reference Material, 1% NK603, or the detection of GMO maize (NK603) with PCR	ERMBF415D-1G
Maize GMO Standard ERM-BF415, ERM® certified Reference Material, 2% NK603, for the detection of GMO maize (NK603) with PCR	ERMBF415E-1G
Maize GMO Standard ERM-BF415, ERM® certified Reference Material, 5% NK603, for the detection of GMO maize (NK603) with PCR	ERMBF415F-1G

3: Analytical Applications & Standards

Selected Certified Reference Materials

GMO Materials

* Name	Catalog Number
Maize GMO Standard ERM-BF420, 3272 Maize 0 %, for the detection of GMO maize (3272) with PCR	ERMBF420A-1G
Maize GMO Standard ERM-BF420, 3272 Maize 1 %, for the detection of GMO maize (3272) with PCR	ERMBF420B-1G
Maize GMO Standard ERM-BF420, 3272 Maize 10 %, for the detection of GMO maize (3272) with PCR	ERMBF420C-1G
Maize GMO Standard ERM-BF423, 0% MIR604, for the detection of GMO maize (MIR604) with PCR	ERMBF423A-1G
Maize GMO Standard ERM-BF423, 0.1% MIR604, for the detection of GMO maize (MIR604) with PCR	ERMBF423B-1G
Maize GMO Standard ERM-BF423, 1% MIR604, for the detection of GMO maize (MIR604) with PCR	ERMBF423C-1G
Maize GMO Standard ERM-BF423, 10% MIR604, for the detection of GMO maize (MIR604) with PCR	ERMBF423D-1G
Maize GMO Standard ERM-BF423, Set for 0%, 0.1%, 1%, 10% MIR604	40982-1SET
Maize GMO Standard ERM-BF424, ERM® certified Reference Material, for the detection of GMO Maize (59122) with PCR	ERMBF424A-1G
Maize GMO Standard ERM-BF424, ERM® certified Reference Material, for the detection of GMO Maize (59122) with PCR	ERMBF424B-1G
Maize GMO Standard ERM-BF424, ERM® certified Reference Material, for the detection of GMO Maize (59122) with PCR	ERMBF424C-1G
Maize GMO Standard ERM-BF424, ERM® certified Reference Material, for the detection of GMO Maize (59122) with PCR	ERMBF424D-1G
Maize GMO Standard ERM-BF424, Set for 0%, 0.1%, 1%, 10% 59122 Maize	41760-1SET
Maize GMO Standard MON 863, blank, for the detection of GMO Maize (MON 863) with PCR	ERMBF416A-1G
Maize GMO Standard MON 863, 0.1% GMO, for the detection of GMO Maize (MON 863) with PCR	ERMBF416B-1G
Maize GMO Standard MON 863, 1% GMO, for the detection of GMO Maize (MON 863) with PCR	ERMBF416C-1G
Maize GMO Standard MON 863, 10% GMO, for the detection of GMO Maize (MON 863) with PCR	ERMBF416D-1G
Maize GMO Standard MON 863, Set for 0%, 0.1%, 1% and 9,9% MON 863	36394-1SET-F
Maize GMO Standard MON 863 x MON 810, for the detection of GMO Maize (MON 863 x MON 810) with PCR	ERMBF417A-1G
Maize GMO Standard MON 863 x MON 810, for the detection of GMO Maize (MON 863 x MON 810) with PCR	ERMBF417B-1G
Maize GMO Standard MON 863 x MON 810, for the detection of GMO Maize (MON 863 x MON 810) with PCR	ERMBF417C-1G
Maize GMO Standard MON 863 x MON 810, for the detection of GMO Maize (MON 863 x MON 810) with PCR	ERMBF417D-1G
Maize GMO Standard VCO-1981-5, ERM® certified Reference Material, 0% VCO-1981-5	ERMBF438A-1EA
Maize GMO Standard VCO-1981-5, ERM® certified Reference Material, 0.1% VCO-1981-5	ERMBF438C-1EA
Maize GMO Standard VCO-1981-5, ERM® certified Reference Material, 1% VCO-1981-5	ERMBF438D-1EA
Maize GMO Standard VCO-1981-5, ERM® certified Reference Material, 10% VCO-1981-5	ERMBF438E-1EA
Maize GMO Standard VCO-1981-5, ERM® certified Reference Material, 100% VCO-1981-5	ERMBF438B-1EA
NK603 pDNA calibrant, ERM® certified Reference Material	ERMAD415-500UL
356043 pDNA calibrant, ERM® certified Reference Material	ERMAD425-500UL
98140 pDNA calibrant, ERM® certified Reference Material	ERMAD427-500UL
Plasmid DNA Fragments of MON 810 Maize, ERM® certified Reference Material	ERMAD413-1EA

* Name	Catalog Number
Potato GMO Standard AV43-6-G7, ERM® certified Reference Material, 0% AV43-6-G7, for the detection of GMO Potato (AV43-6-G7) with PCR	ERMBF431A-1G
Potato GMO Standard AV43-6-G7, 1% AV43-6-G7, for the detection of GMO Potato (AV43-6-G7) with PCR	ERMBF431C-1G
Potato GMO Standard AV43-6-G7, 4% AV43-6-G7, for the detection of GMO Potato (AV43-6-G7) with PCR	ERMBF431D-1G
Potato GMO Standard AV43-6-G7, 10% AV43-6-G7, for the detection of GMO Potato (AV43-6-G7) with PCR	ERMBF431E-1G
Potato GMO Standard AV43-6-G7, 100% AV43-6-G7, for the detection of GMO Potato (AV43-6-G7) with PCR	ERMBF431B-1G
Rapeseed 73496 GMO standard ERM-BF434, ERM® certified Reference Material, nominal 0% GMO	ERMBF434A-1EA
Rapeseed 73496 GMO standard ERM-BF434, ERM® certified Reference Material, nominal 100% GMO	ERMBF434B-1EA
Rapeseed 73496 GMO standard ERM-BF434, ERM® certified Reference Material, nominal 0.1% GMO	ERMBF434C-1EA
Rapeseed 73496 GMO standard ERM-BF434, ERM® certified Reference Material, nominal 1% GMO	ERMBF434D-1EA
Rapeseed 73496 GMO standard ERM-BF434, ERM® certified Reference Material, nominal 10% GMO	ERMBF434E-1EA
Rapeseed GMO Standard Set for Rapeseed GT73, GS40/90, MS8xRF3, for qualitative testing for GMO raps GT73 Roundup Ready™, LibertyLink® Falcon GS40/90 and MS8xRF3	55231-1KT-F
Soya 305423 GMO standard ERM-BF426, ERM® certified Reference Material, blank	ERMBF426A-1G
Soya 305423 GMO standard ERM-BF426, ERM® certified Reference Material, level 1	ERMBF426B-1G
Soya 305423 GMO standard ERM-BF426, ERM® certified Reference Material, level 2	ERMBF426C-1G
Soya 305423 GMO standard ERM-BF426, ERM® certified Reference Material, level 3	ERMBF426D-1G
Soya 356043 GMO standard ERM-BF425, ERM® certified Reference Material, blank	ERMBF425A-1G
Soya 356043 GMO standard ERM-BF425, ERM® certified Reference Material, level 1	ERMBF425B-1G
Soya 356043 GMO standard ERM-BF425, ERM® certified Reference Material, level 2	ERMBF425C-1G
Soya 356043 GMO standard ERM-BF425, ERM® certified Reference Material, level 3	ERMBF425D-1G
Soya Bean Powder, certified Reference Material ERM-BF410, Roundup Ready™ blank, ERM® certified Reference Material	ERMBF410AK-1G
Soya DAS-44406-6 GMO standard ERM-BF436, ERM® certified Reference Material	ERMBF436A-1G
Soya DAS-44406-6 GMO standard ERM-BF436, ERM® certified Reference Material, nominal 100% GMO	ERMBF436B-1G
Soya DAS-44406-6 GMO standard ERM-BF436, ERM® certified Reference Material, nominal 0.1% GMO	ERMBF436C-1G
Soya DAS-44406-6 GMO standard ERM-BF436, ERM® certified Reference Material, nominal 1% GMO	ERMBF436D-1G
Soya DAS-44406-6 GMO standard ERM-BF436, ERM® certified Reference Material, nominal 10% GMO	ERMBF436E-1G
Soya DAS-81419-2 GMO standard ERM-BF437, ERM® certified Reference Material, blank	ERMBF437A-1EA
Soya DAS-81419-2 GMO standard ERM-BF437, ERM® certified Reference Material, nominal 100% GMO	ERMBF437B-1EA
Soya DAS-81419-2 GMO standard ERM-BF437, ERM® certified Reference Material, nominal 0.1% GMO	ERMBF437C-1EA
Soya DAS-81419-2 GMO standard ERM-BF437, ERM® certified Reference Material, nominal 1% GMO	ERMBF437D-1EA
Soya DAS-81419-2 GMO standard ERM-BF437, ERM® certified Reference Material, nominal 10% GMO	ERMBF437E-1EA
Sugar beet GMO standard for H7-1, ERM® certified Reference Material, blank, for the detection of GMO sugar beet (H7-1) with PCR	ERMBF419A-1G
Sugar beet GMO standard for H7-1, ERM® certified Reference Material, level 1, for the detection of GMO sugar beet (H7-1) with PCR	ERMBF419B-1G

Industrial Raw Materials

* Name	Catalog Number
Al alloy, 0.1% Au, 0.5 mm wire, ERM® certified Reference Material	ERMEB530B-1EA
Al alloy, 0.1% Au, 1.0 mm wire, ERM® certified Reference Material	ERMEB530C-1EA
Aluminum gold alloy (0.1% Au), 0.5 mm wire, ERM® certified Reference Material	ERMEB530A-1EA
Brown coal (GCV, NCV, element content and trace elements), ERM® certified Reference Material	ERMEF412-1EA
Calcium ammonium nitrate fertilizer (composition), BCR® certified Reference Material	BCR178-100G
Charpy specimens (impact toughness), ERM® certified Reference Material	ERMFA013-1EA
Charpy specimens (impact toughness), ERM® certified Reference Material, 120 J	ERMFA016-1EA
Charpy specimens (impact toughness), ERM® certified Reference Material, 160 J	ERMFA415-1EA
Charpy specimens 80 J (impact toughness), ERM® certified Reference Material	ERMFA015-1EA
Coal (F), BCR® certified Reference Material	BCR460-40G
Continuous cast copper (O), BCR® certified Reference Material, rod	BCR058-17G
Copper (O), BCR® certified Reference Material, rod	BCR054R-42G
Copper (S, P), BCR® certified Reference Material, chips	BCR017B-50G
Copper alloys (composition alloy), BCR® certified Reference Material	BCR691-1SET
Electrolytically refined lead (trace elements), BCR® certified Reference Material, chips	BCR286B-160G
Electrolytically refined lead (trace elements), BCR® certified Reference Material, square blocks	BCR286A-1EA
Electrolytic copper (trace elements), ERM® certified Reference Material	ERMEB074A-1EA
Electrolytic copper (trace elements), ERM® certified Reference Material	ERMEB074B-1EA
Electrolytic copper (trace elements), ERM® certified Reference Material	ERMEB074C-1EA
Electrolytic copper with added impurities (trace elements), ERM® certified Reference Material	ERMEB075A-1EA
Electrolytic copper with added impurities (trace elements), ERM® certified Reference Material	ERMEB075B-1EA
Electrolytic copper with added impurities (trace elements), ERM® certified Reference Material	ERMEB075C-1EA
Electrolytic tough pitch copper (O), BCR® certified Reference Material, disc	BCR022A-42G
Electrolytic tough pitch copper (O), BCR® certified Reference Material, rod	BCR022B-28G
Furnace coke (GCV, NCV, element content and trace elements), ERM® certified Reference Material	ERMEF413-1EA
Gasoil (0.0203% S), ERM® certified Reference Material	ERMEF672-8ML
Gasoil (0.0452% S), ERM® certified Reference Material	ERMEF671-8ML
Gas oil (0.091% S), ERM® certified Reference Material	ERMEF104-8ML
Gas oil (0.363 % S), BCR® certified Reference Material	BCR105-25G
Gas oil (0.502 % S), BCR® certified Reference Material	BCR106-25G
Gas oil (1.040 % S), BCR® certified Reference Material	BCR107-25G
Gas oil (CFPP, CP), ERM® certified Reference Material	ERMFC395K-2X27ML
Gas-Oil (high content Solvent Yellow 124), ERM® certified Reference Material	ERMEF318-20ML
Gas-Oil (low content Solvent Yellow 124), ERM® certified Reference Material	ERMEF317-20ML
Glass-ceramic (thermal conductivity and diffusivity), BCR® certified Reference Material	BCR724A-1EA
Glass-ceramic (thermal conductivity and diffusivity), BCR® certified Reference Material	BCR724B-1EA
Glass-ceramic (thermal conductivity and diffusivity), BCR® certified Reference Material	BCR724C-1EA
Glass-ceramic (thermal conductivity and diffusivity), BCR® certified Reference Material	BCR724D-1EA

* Name	Catalog Number
Hard coal (GCV, NCV, element content and trace elements), ERM® certified Reference Material	ERMEF411-1EA
High volatile industrial coal (S), BCR® certified Reference Material	BCR332-20G
High volatile steam coal (S), BCR® certified Reference Material	BCR336-20G
Isooctane (purity, impurities), IRMM® certified Reference Material	IRMM442-100ML
Lead glass (composition/refractive index), BCR® certified Reference Material	BCR126A-300G
Lead with added impurities (trace elements), BCR® certified Reference Material	BCR288B-160G
Low volatile steam coal (S), BCR® certified Reference Material	BCR331-20G
Moroccan phosphate rock (trace elements), BCR® certified Reference Material	BCR032-100G
Mullite (lattice spacing, other parameters), Reference Material	BCR301RM-1EA
Nickel	IRMM521R-1EA
Polyethylene (40, 75, 200, 400 mg Cd/kg), certified reference material	VDA0014-1EA
Polyethylene (high level element content), ERM® certified Reference Material	ERMEC681M-1EA
Polyethylene (LDPE), ERM® certified Reference Material	ERMEC590-20G
Polyethylene (low level element content), ERM® certified Reference Material	ERMEC680M-1EA
Polypropylene (PP), ERM® certified Reference Material	ERMEC591-20G
Potassium chloride fertilizer (elemental composition), BCR® certified Reference Material	BCR113-100G
Potassium sulfate fertilizer (elemental composition), BCR® certified Reference Material	BCR114-100G
Silica, colloidal, BCR® certified Reference Material, biomodal	ERMGD102-1EA
28Si (SiO ₂), IRMM® certified Reference Material, Isotope abundance ratio	IRMM018A-5G
Superphosphate (various parameters), BCR® certified Reference Material	BCR033-100G
Thermally refined lead (trace elements), BCR® certified Reference Material, chips	BCR287B-160G
Thermally refined lead (trace elements), BCR® certified Reference Material, square blocks	BCR287A-1EA
Ti6 Al4 V (Al, V), BCR® certified Reference Material, disc	BCR089-1EA
Ti 6Al 4V alloy (O), BCR® certified Reference Material, cubes (0.2 g)	BCR059B-1EA
Ti 6Al 4V alloy (O), BCR® certified Reference Material, disc	BCR059A-21G
Tin ore concentrate (Sn), BCR® certified Reference Material	BCR010-225G
Titanium (H), BCR® certified Reference Material	BCR318-1EA
Titanium (O, N), BCR® certified Reference Material, cubes (0.2 g)	BCR024C-1EA
Titanium (O, N), BCR® certified Reference Material, cubes (0.4 g)	BCR024B-1EA
Titanium (impurities), BCR® certified Reference Material, cubes (0.2 g)	BCR090B-1EA
Titanium (impurities), BCR® certified Reference Material, disc	BCR090A-1EA
Triglycerides in cocoa butter, IRMM® certified Reference Material	IRMM801-5G
Tungsten carbide powder (O), BCR® certified Reference Material	BCR102-2G
Unalloyed zinc (disc) (trace elements), BCR® certified Reference Material	BCR327-1EA
Unalloyed zinc (disc) (trace elements), BCR® certified Reference Material	BCR326-1EA
Unalloyed zinc (trace elements), BCR® certified Reference Material	BCR321-1EA

3: Analytical Applications & Standards

Selected Certified Reference Materials

Industrial Raw Materials

* Name	Catalog Number
Unalloyed zinc (trace elements), ERM® certified Reference Material	ERMEB322-1EA
Unalloyed zinc (trace elements), ERM® certified Reference Material	ERMEB325-1EA
Unalloyed zinc (trace elements), ERM® certified Reference Material	ERMEB324-1EA
Unalloyed zinc (trace elements), ERM® certified Reference Material	ERMEB323-1EA
Urea fertilizer (composition), BCR® certified Reference Material	BCR179-100G
Zinc ore concentrate (trace elements), BCR® certified Reference Material	BCR109-200G
Zircaloy (C, N, O), BCR® certified Reference Material, cylinder (small, 0.2 g)	BCR276-1EA
Zircaloy (C, N, O), BCR® certified Reference Material, disc (small, 0.9 g)	BCR275-1EA
Zircaloy-4 (trace element impurities), BCR® certified Reference Material	BCR098-10G
ZnAl4Cu1 (trace elements), BCR® certified Reference Material, disc	BCR356-1EA
ZnAl4Cu1 (trace elements), BCR® certified Reference Material, disc	BCR357-1EA
ZnAl4Cu1 (trace elements), BCR® certified Reference Material, disc	BCR360-1EA
ZnAl4Cu1 (trace elements), BCR® certified Reference Material, disc	BCR361-1EA
ZnAl4 (trace elements), BCR® certified Reference Material, disc	BCR351-1EA
ZnAl4 (trace elements), BCR® certified Reference Material, disc	BCR352-1EA
ZnAl4 (trace elements), BCR® certified Reference Material, disc	BCR353-1EA
ZnAl4 (trace elements), BCR® certified Reference Material, disc	BCR354-1EA
ZnAl4 (trace elements), BCR® certified Reference Material, disc	BCR355-1EA

IRMM Standards

* Name	Catalog Number
0.4C Basic oxygen furnace steel, NIST SRM 178	NIST178
K-411 Glass microspheres, NIST SRM 2066	NIST2066
Acetanilide, NIST® SRM® 141d	NIST141D
Additive elements in polyethylene, NIST® SRM® 2855	NIST2855
Air particulate matter on filter media, NIST SRM 8785	NISTRM8785
Air particulate on filter media, NIST® SRM® 2783	NIST2783
AISI 1045 steel, NIST SRM 20g	NIST20G
Aliphatic hydrocarbons in 2,2,4-trimethylpentane, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1494	NIST1494
Alumina, NIST® SRM® 742, reference point	NIST742
Alumina, NIST® SRM® 699, reduction grade	NIST699
Alumina powder for quantitative analysis by X-ray diffraction, NIST® SRM® 676a	NIST676A
Aluminum alloy 3004, NIST SRM 853a	NIST853A
Aluminum alloy 3004, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1240c	NIST1240C
Aluminum alloy 3004, NIST SRM 1710	NIST1710
Aluminum alloy 3004, NIST SRM 1711	NIST1711
Aluminum alloy 356, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1255b	NIST1255B
Aluminum alloy 380, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1256b	NIST1256B
Aluminum alloy 5182, NIST SRM 854a	NIST854A

* Name	Catalog Number
Aluminum alloy 5182, NIST SRM 1713	NIST1713
Aluminum alloy 5182, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1241c	NIST1241C
Aluminum alloy 6011, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1258-I	NIST1258-I
Aluminum alloy 6011, NIST SRM 858	NIST858
Aluminum alloy 7075, NIST® SRM® 1259	NIST1259
Aluminum (Al) standard solution, NIST® SRM® 3101a	NIST3101A
Aluminum casting alloy 356, NIST SRM 855a	NIST855A
Aluminum casting alloy 380, NIST SRM 856a	NIST856A
55 % Aluminum-zinc alloy, NIST SRM 2426	NIST2426
Amino acids in 0.1 mol/L hydrochloric acid, NIST® SRM® 2389a	NIST2389A
Ammonium dihydrogen phosphate, NIST® SRM® 194a	NIST194A
Angiotensin I (human)	NIST998
Anode tin, NIST SRM 1727	NIST1727
Anticonvulsant drug level assay standard	NIST1599
Apple leaves, NIST® SRM® 1515	NIST1515
Aromatic hydrocarbons in toluene, NIST® SRM® 2260a	NIST2260A
Arsenic (As) standard solution, NIST® SRM® 3103a	NIST3103A
Arsenic implant in silicon depth profile standard, NIST SRM 2134	NIST2134
Arsenic species in frozen human urine, NIST® SRM® 2669	NIST2669
Arsenic species in frozen human urine (elevated levels), NIST SRM 3669	NIST3669
Ashless blank filter, NIST® SRM® 2681	NIST2681
Assay-isotopic standard for silver, NIST® SRM® 978a	NIST978A
B100 Biodiesel, animal-based, NIST® SRM® 2773	NIST2773
B100 Biodiesel, soy-based, NIST® SRM® 2772	NIST2772
Baby food composite, NIST® SRM® 2383a	NIST2383A
Baking chocolate, NIST SRM 2384	NIST2384
Basalt rock, NIST® SRM® 688	NIST688
Basic electric steel, NIST® SRM® 19h, 0.2% carbon	NIST19H
Basic open-hearth steel, NIST® SRM® 16f, 1% carbon	NIST16F
Basic open-hearth steel, NIST® SRM® 12h, 0.4% carbon	NIST12H
Basic open-hearth steel, NIST® SRM® 152a, 0.5% carbon (tin bearing)	NIST152A
Bauxite, NIST® SRM® 696, Surinam	NIST696
Bauxite, NIST® SRM® 697, Dominican	NIST697
Bauxite, NIST® SRM® 600, Australian	NIST600
Bauxite, NIST® SRM® 698, Jamaican	NIST698
Bauxite, NIST® SRM® 69b, Arkansas	NIST69B
Bearing metal (tin base), NIST® SRM® 54d	NIST54D
Benzoic acid, NIST® SRM® 39j, calorimetric standard	NIST39J
Benzoylcocaine (cocaine metabolite) in freeze-dried urine	NIST1508A
Beryllium (Be) standard solution, NIST® SRM® 3105a	NIST3105A
Beryllium-copper alloy, NIST SRM 458, (17510)	NIST458
Beryllium-copper alloy, NIST SRM 459, (17200)	NIST459
Beryllium-copper alloy, NIST SRM 460	NIST460
Bessemer steel (simulated) 0.1 % carbon, NIST SRM 8k	NIST8K
Bilberry extract, NIST SRM 3291	NIST3291
Bingham paste mixture for rheological measurements, NIST SRM 2492	NIST2492
Bismuth (Bi) standard solution, NIST® SRM® 3106	NIST3106
Bismuth for thermal analysis, NIST SRM 2235	NIST2235
Bis(1-phenyl-1,3-butanedione)copper(II), NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1080a	NIST1080A

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Bituminous coal (nominal mass fraction 3 % sulfur), NIST SRM NIST SRM 2684c	NIST2684C
Bituminous coal (nominal mass fraction 5 % sulfur), NIST® SRM® 2685c	NIST2685C
Bituminous coal (sulfur, mercury, and chlorine), NIST® SRM® 2683c	NIST2683C
Bituminous coal (sulfur, mercury, and chlorine), NIST® SRM® 2692c	NIST2692C
Bituminous coal (sulfur, mercury, and chlorine), NIST® SRM® 2693	NIST2693
Bone ash, NIST® SRM® 1400	NIST1400
Bone meal, NIST® SRM® 1486	NIST1486
Borate ore, NIST® SRM® 1835	NIST1835
Boric acid, NIST® SRM® 973, acidimetric standard	NIST973
Boric acid, NIST® SRM® 951a, isotopic standard	NIST951A
Boron implant in silicon standard for calibration of concentration in a depth profile, NIST SRM 2137	NIST2137
Boron (B) standard solution, NIST® SRM® 3107	NIST3107
Borosilicate glass, NIST SRM 623, durability	NIST623
Borosilicate glass, NIST® SRM® 93a	NIST93A
Borosilicate glass - thermal expansion, NIST® SRM® 731L1	NIST731L1
Borosilicate glass - thermal expansion, NIST® SRM® 731L2	NIST731L2
Borosilicate glass - thermal expansion, NIST® SRM® 731L3	NIST731L3
Botanical oils containing omega-3 and omega-6 fatty acids	NIST3274
Bovine liver, NIST® SRM® 1577c	NIST1577C
Bovine Serum Albumin (7% solution), NIST® SRM® 927e	NIST927E
Branched polyethylene resin, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1476a	NIST1476A
Brick clay, NIST® SRM® 679	NIST679
Bromide anion standard solution, NIST® SRM® 3184	NIST3184
Buffalo river sediment, NIST® RM 8704	NISTRM8704
Bullet lead, NIST® SRM® C2416	NISTC2416
Burnt refractory, NIST® SRM® 77a, Al2O3-60%	NIST77A
Burnt refractory, NIST® SRM® 76a, Al2O3-40%	NIST76A
Burnt refractory, NIST® SRM® 78a, Al2O3-70%	NIST78A
Cadmium (Cd) standard solution, NIST® SRM® 3108	NIST3108
Calcined petroleum coke, NIST® SRM® 2719	NIST2719
Calcium aluminate cement, NIST® SRM® 1882a	NIST1882A
Calcium aluminate cement, NIST® SRM® 1883a	NIST1883A
Calcium carbonate, NIST® SRM® 915b, clinical standard	NIST915B
Calcium (Ca) standard solution, NIST® SRM® 3109a	NIST3109A
Calcium-containing solid oral dosage form, NIST SRM 3532	NIST3532
Calibration standard for high-resolution X-ray diffraction, NIST SRM 2012, 200 mm wafer	NIST2012
Calibration standard for high-resolution X-ray diffraction, NIST SRM 2000	NIST2000
Camellia sinensis (green tea) extract, NIST® SRM® 3255	NIST3255
Camellia sinensis (green tea) leaves, NIST® SRM® 3254	NIST3254
Carbon dioxide in nitrogen, NIST SRM 2617, nominal 500 µmol/mol	NIST2617
Carbon dioxide in nitrogen, NIST SRM 2619a, nominal 0.5% mol/mol	NIST2619A
Carbon dioxide in nitrogen, NIST SRM 2620a, nominal 1 % mol/mol	NIST2620A
Carbon dioxide in nitrogen, NIST SRM 2621a, nominal 1.5% mol/mol	NIST2621A

* Name	Catalog Number
Carbon dioxide in nitrogen, NIST SRM 2622a, nominal 2% mol/mol	NIST2622A
Carbon dioxide in nitrogen, NIST SRM 2624a, nominal 3% mol/mol	NIST2624A
Carbon dioxide in nitrogen, NIST SRM 2625a, nominal 3.5% mol/mol	NIST2625A
Carbon dioxide in nitrogen, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1674b, nominal 7% mol/mol	NIST1674B
Carbon dioxide in nitrogen	NIST2745
Carbon isotopes in sucrose, NIST® RM 8542, IAEA-CH-6 sucrose	NISTRM8542
Carbon modified silica, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1216	NIST1216
Carbon monoxide in air, NIST SRM 2613a, nominal 20 µmol/mol	NIST2613A
Carbon monoxide in air, NIST SRM 2614a, nominal 45 µmol/mol	NIST2614A
Carbon monoxide in nitrogen, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1677c, nominal 10 µmol/mol	NIST1677C
Carbon monoxide in nitrogen, NIST SRM 2635a, nominal 25 µmol/mol	NIST2635A
Carbon monoxide in nitrogen, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1678c, nominal 50 µmol/mol	NIST1678C
Carbon monoxide in nitrogen, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1679c, nominal 100 µmol/mol	NIST1679C
Carbon monoxide in nitrogen, NIST SRM 2636a, nominal 250 µmol/mol	NIST2636A
Carbon monoxide in nitrogen, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1680b, nominal 500 µmol/mol	NIST1680B
Carbon monoxide in nitrogen, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1681b, nominal 1000 µmol/mol	NIST1681B
Carbon monoxide in nitrogen, NIST SRM 2637a, nominal 2500 µmol/mol	NIST2637A
Carbon monoxide in nitrogen, NIST SRM 2638a, nominal 5000 µmol/mol	NIST2638A
Carbon monoxide in nitrogen, NIST SRM 2639a, nominal 1% mol/mol	NIST2639A
Carbon monoxide in nitrogen, NIST SRM 2640a, nominal 2% mol/mol	NIST2640A
Carbon monoxide in nitrogen, NIST SRM 2641a, nominal 4% mol/mol	NIST2641A
Carbon monoxide in nitrogen, NIST SRM 2642a, nominal 8% mol/mol	NIST2642A
Carbon monoxide in nitrogen, NIST SRM 2740a, nominal 10% mol/mol	NIST2740A
Carbon monoxide in nitrogen, NIST SRM 2741a, nominal 13% mol/mol	NIST2741A
Carbon steel, NIST® SRM® 14g, (AISI 1078)	NIST14G
Carbon steel, NIST® SRM® 368, (AISI 1211)	NIST368
Carbon steel, NIST® SRM® 13g, 0.6%	NIST13G
Carrot extract in oil	NIST3276
Cast iron, NIST® SRM® 122i	NIST122I
Cast iron, NIST® SRM® 107c, Ni-Cr-Mo	NIST107C
Cast iron, NIST® SRM® 6g	NIST6G
Cast iron, NIST® SRM® 4l	NIST4L
Cast steel 3, NIST SRM C1173	NISTC1173

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Cast steel standard, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1139a	NIST1139A
Cast steel standard, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1138a	NIST1138A
Cemented carbide (W-83, Co-10), NIST SRM 887	NIST887
Cerium (Ce) standard solution, NIST® SRM® 3110	NIST3110
Cesium (Cs) standard solution, NIST® SRM® 3111a	NIST3111A
Chloride anion standard solution, NIST® SRM® 3182	NIST3182
Chlorinated biphenyl congeners in isooctane, NIST® SRM® 2262	NIST2262
Chlorinated pesticides (DDTs) and metabolites in isooctane, NIST® SRM® 2273	NIST2273
Chlorinated pesticides in hexane, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1492	NIST1492
Chlorinated pesticides in hexane, NIST® SRM® 2261	NIST2261
Chlorinated pesticide solution-II in isooctane, NIST® SRM® 2275	NIST2275
Chlorine in lubricating base oils, NIST® SRM® 1818a	NIST1818A
<i>m</i> -Chlorobenzoic acid, NIST SRM 2144	NIST2144
Cholesterol, NIST® SRM® 911c	NIST911C
Cholesterol in human serum, NIST SRM 1952a	NIST1952A
Chromium (Cr) standard solution, NIST SRM 3112a	NIST3112A
Chromium isotopic standard, NIST® SRM® 979	NIST979
Chromium-molybdenum-aluminum steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 106b	NIST106B
Chromium-molybdenum steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 133b	NIST133B
17 Chromium-9 nickel-0.2 selenium steel, NIST SRM 339	NIST339
Chromium-nickel-molybdenum steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 139b, (AISI 8640)	NIST139B
Chromium-nickel steel, NIST SRM NIST SRM 344, Cr 15 - Ni 7 (Mo precipitation hardening)	NIST344
Chromium steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 163	NIST163
Chromium steel, NIST® SRM® 1223	NIST1223
Chromium-tungsten steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 155	NIST155
Chromium-vanadium steel, NIST SRM 30f, (SAE 6150)	NIST30F
Chromium-vanadium steel, NIST SRM 663	NIST663
CMOS MEMS 5-in-1 test chip, NIST RM 8096	NISTRM8096
CO ₂ -biogenic, modern biomass origin (carbon dioxide), NIST RM 8564	NISTRM8564
CO ₂ -heavy, paleomarine origin (carbon dioxide), NIST RM 8562	NISTRM8562
CO ₂ -light, petrochemical origin (carbon dioxide), NIST RM 8563	NISTRM8563
Coal fly ash, NIST® SRM® 2691	NIST2691
Coal fly ash, NIST® SRM® 2689	NIST2689
Coal fly ash, NIST® SRM® 2690	NIST2690
Coating thickness standard (nonmagnetic coating on steel), NIST® SRM® 1363b	NIST1363B
Coating thickness standard (nonmagnetic coating on steel), NIST® SRM® 1358b	NIST1358B
Coating thickness standard (nonmagnetic coating on steel), NIST® SRM® 1362b	NIST1362B
Coating thickness standard (nonmagnetic coating on steel), NIST® SRM® 1359b	NIST1359B
Coating thickness standard (nonmagnetic coating on steel), NIST® SRM® 1361b	NIST1361B

* Name	Catalog Number
Coating thickness standard (nonmagnetic coating on steel), NIST® SRM® 1364b	NIST1364B
Cobalt (Co) standard solution, NIST® SRM® 3113	NIST3113
Column performance test mixture of liquid chromatography, NIST® SRM® 870	NIST870
Column selectivity test mixture for liquid chromatography, NIST® SRM® 869b	NIST869B
Commercial bronze standard for optical emission and x-ray spectroscopic analysis, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1115	NIST1115
Commercial bronze standard for optical emission and x-ray spectroscopic analysis, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1116	NIST1116
Commercial bronze standard for optical emission and x-ray spectroscopic analysis, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1117	NIST1117
Commercial bronze standard for optical emission and x-ray spectroscopic analysis, NIST SRM C1115, A (block)	NISTC1115
Commercial bronze standard for optical emission and x-ray spectroscopic analysis, NIST SRM C1117, C (block)	NISTC1117
Common lead isotopic standard, NIST® SRM® 981	NIST981
Complex mixture of polycyclic aromatic hydrocarbons coal tar, NIST® SRM® 1597a	NIST1597A
Controlled pore glass - BET specific surface area, NIST® SRM® 2206, nominal pore diameter 300 nm	NIST2206
Controlled pore glass - BET specific surface area, xx	NIST2207
Coplanar waveguide calibration set, NIST RM 8130	NISTRM8130
Copper (Cu) standard solution, NIST® SRM® 3114	NIST3114
Copper microhardness test block (Knoop), NIST SRM 1893	NIST1893
Copper-nickel-chromium cast iron, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1115a	NIST115A
Copper ore, NIST® SRM® 331a, mill tails	NIST331A
Copper ore, NIST® SRM® 330a, mill heads	NIST330A
Copper secondary freezing-point standard, NIST SRM 45d	NIST45D
Cortisol (Hydrocortisone)	NIST921
Cotinine in freeze-dried human urine	NISTRM8444
Cranberry-containing solid oral dosage form, NIST SRM 3284	NIST3284
Cranberry extract, NIST® SRM® 3283	NIST3283
Creatinine, NIST® SRM® 914a	NIST914A
Creatinine in frozen human serum, NIST® SRM® 967a	NIST967A
Creatinine in frozen human urine, NIST® SRM® 3667	NIST3667
Cr-Mo steel, NIST SRM 291, (ASTM A-213)	NIST291
Crude oil, NIST® SRM® 2721	NIST2721
Crude oil, NIST® SRM® 2722	NIST2722
Cryopackaged 2V PJVS chip, NIST SRM 6000n	NIST6000N
Cup furnace smoke toxicity method standard, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1048	NIST1048
Cupro-nickel, NIST SRM 875, 10% (CDA 706) "DOPED"	NIST875
Cupro-nickel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1276a, (CDA 715)	NIST1276A
Cupro-nickel, NIST SRM 874, 10% (CDA 706) "HIGH-PURITY"	NIST874
Cystine, NIST® SRM® 143d	NIST143D
Density standard for medical computed tomography, NIST SRM 2088	NIST2088
Diesel particulate extract, NIST SRM 1975	NIST1975
Diesel particulate matter, NIST® SRM® 2975	NIST2975

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Diesel particulate matter, NIST® SRM® 1650b	NIST1650B
Dimensional standard for medical computed tomography, NIST SRM 2087	NIST2087
Dioxin (2,3,7,8-TCDD) in isooctane, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1614	NIST1614
Disodium hydrogen phosphate, NIST SRM 2186II	NIST2186II
Dolomitic limestone, NIST® SRM® 88b	NIST88B
Domestic sludge, NIST® SRM® 2781	NIST2781
Drugs of abuse in frozen human serum	NIST1959
Ductile cast iron, NIST SRM 341	NIST341
Ductile iron C, NIST® SRM® C2424	NISTC2424
Dynamic impact force verification specimens, NIST SRM 2112, nominal 24 kN	NIST2112
Dynamic impact force verification specimens, NIST SRM 2113, nominal 33 kN	NIST2113
Dysprosium (Dy) standard solution, NIST SRM 3115a	NIST3115A
Eastern cottonwood whole biomass feedstock, NIST® RM 8492	NISTRM8492
Electrolytes in frozen human serum, NIST SRM 956d	NIST956D
Electrolytic iron, NIST RM 8420	NISTRM8420
Electrolytic iron, NIST® SRM® 1265a	NIST1265A
Electrolytic iron, NIST SRM 665	NIST665
Electronic and magnetic alloy standard, NIST® SRM® 1159, Ni-Fe	NIST1159
Electronic and magnetic alloy standard, Ni-Mo-Fe, NIST® SRM® 1160	NIST1160
Erbium (Er) standard solution, NIST SRM 3116a	NIST3116A
Estuarine sediment, NIST® SRM® 1646a	NIST1646A
Ethanol solution, NIST® SRM® 2897a, nominal mass fraction 2%	NIST2897A
Ethanol solution, NIST® SRM® 2898a, nominal mass fraction 6%	NIST2898A
Ethanol solution, NIST® SRM® 2899a, nominal 25% by mass	NIST2899A
Ethanol-water solution, NIST® SRM® 2893, nominal mass fraction 0.08%	NIST2893
Ethanol-water solution, NIST® SRM® 2892, nominal mass fraction 0.04%	NIST2892
Ethanol-water solution, NIST® SRM® 2894, nominal mass fraction 0.1%	NIST2894
Ethanol-water solution, NIST® SRM® 2895, nominal mass fraction 0.2%	NIST2895
Ethanol-water solution, NIST® SRM® 2896, nominal mass fraction 0.3%	NIST2896
Ethanol-water solution, NIST® SRM® 2891, nominal mass fraction 0.02%	NIST2891
Ethanol-water solution, NIST® SRM® 2900, nominal 95.6% by mass	NIST2900
Eucalyptus hardwood, NIST RM 8496, bleached kraft pulp	NISTRM8496
Europium (Eu) standard solution, NIST® SRM® 3117a	NIST3117A
Extra dense lead glass, NIST SRM 709	NIST709
Fat-soluble vitamins, carotenoids, and cholesterol in human serum, NIST® SRM® 968e	NIST968E
Fatty acids/cholesterol in frozen diet composite, NIST® SRM® 1544	NIST1544
Ferrochromium, NIST® SRM® 64c, high-carbon	NIST64C
Ferrochromium, NIST® SRM® 196, low-carbon	NIST196
Ferrochromium silicon, NIST SRM 689	NIST689
Ferromanganese, NIST® SRM® 68c, high-carbon	NIST68C
Ferrophosphorus, NIST SRM 90	NIST90
Ferrosilicon, NIST® SRM® 195, 75% Si - high-purity grade	NIST195
Ferrosilicon, NIST® SRM® 58a, 73% Si - regular grade	NIST58A
Ferrosilicon, NIST® SRM® 59a	NIST59A

* Name	Catalog Number
Filter blank for RM 8785, NIST RM 8786	NISTRM8786
Fine carbon (activated), NIST® SRM® 2451, from cyanide ore leaching	NIST2451
Fine particulate matter, NIST® SRM® 2786, <4 µm	NIST2786
Flint clay, NIST® SRM® 97b	NIST97B
Flooring radiant panel, NIST® SRM® 1012	NIST1012
Fluorescein solution, NIST SRM 1932	NIST1932
Fluoride in vegetation, NIST® SRM® 2695	NIST2695
Fluorspar, NIST SRM 180, high grade	NIST180
Fortified breakfast cereal, NIST® SRM® 3233	NIST3233
Foundry coke, NIST® SRM® 2775	NIST2775
Free cutting brass (UNS C36000), NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1124	NIST1124
Furnace coke, NIST® SRM® 2776	NIST2776
Fused simulated ore for x-ray fluorescence spectrometry, NIST® SRM® 1834	NIST1834
Gadolinium (Gd) standard solution, NIST SRM 3118a	NIST3118A
Gallium (Ga) standard solution, NIST SRM 3119a	NIST3119A
GC/MS system performance, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1543	NIST1543
Gilding metal , NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1113	NIST1113
Gilding metal , NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1112	NIST1112
Gilding metal , NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1114	NIST1114
Gilding metal , NIST SRM C1114, C (block)	NISTC1114
Ginkgo biloba extract, NIST® SRM® 3247	NIST3247
Ginkgo biloba (leaves), NIST® SRM® 3246	NIST3246
Ginkgo-containing tablets, NIST® SRM® 3248	NIST3248
GISP-Water, NIST® RM 8536	NISTRM8536
Glass beads - particle size distribution, NIST® SRM® 1003c	NIST1003C
Glass beads - particle size distribution, NIST® SRM® 1004b	NIST1004B
Glass beads - particle size distribution, NIST® SRM® 1021	NIST1021
Glass (particle size), NIST® SRM® 1017b	NIST1017B
Glass (particle size), NIST® SRM® 1018b	NIST1018B
Glass (particle size), NIST® SRM® 1019b	NIST1019B
Glass sand, NIST® SRM® 1413, high alumina	NIST1413
Glass sand, NIST® SRM® 165a, low iron	NIST165A
D-Glucose (Dextrose), NIST® SRM® 917C	NIST917C
Glucose in frozen human serum	NIST965B
L-Glutamic acid, NIST® RM 8573, USGS40	NISTRM8573
L-Glutamic acid, NIST® RM 8574, USGS41	NISTRM8574
Gold (Au) standard solution, NIST® SRM® 3121	NIST3121
Gold-copper wires for microprobe analysis, NIST SRM 482	NIST482
Gold nanoparticles	NISTRM8011
Gold nanoparticles	NISTRM8012
Gold nanoparticles	NISTRM8013
Gold, ore refractory, NIST® SRM® 886	NIST886
Gold-silver wires for microprobe analysis, NIST SRM 481	NIST481
Gold versus platinum thermocouple, NIST SRM 1749, certified thermometer for the range 0 °C to 1000 °C on the international temperature scale of 1990	NIST1749
Gray cast iron, NIST SRM 334, (carbon & sulfur)	NIST334
Green tea-containing solid oral dosage form, NIST® SRM® 3256	NIST3256

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Gulf of Mexico crude oil, NIST® SRM® 2779	NIST2779
Hafnium (Hf) standard solution, NIST SRM 3122	NIST3122
Henderson molybdenite, NIST RM 8599	NISTRM8599
HEPES, NIST SRM 2181	NIST2181
Heteroplasmic mitochondrial DNA mutation detection standard, NIST SRM 2394	NIST2394
Hexavalent chromium in contaminated soil (high level), NIST® SRM® 2701	NIST2701
Hi boron glass viscosity, NIST® SRM® 717a	NIST717A
High alloy steel, NIST SRM C2400, ACI (17/4 PH)	NISTC2400
High alloy steel, NIST® SRM® C2401, (ACI-C-4M-Cu)	NISTC2401
High-alloy white cast iron, NIST SRM C1290, (HC-250 + V)	NISTC1290
High-alloy white cast iron, NIST SRM C1291, (Ni-Hard, Type I)	NISTC1291
High-alloy white cast iron, NIST SRM C1292, (Ni-Hard, Type IV)	NISTC1292
High-alloy white cast iron, NIST SRM 892, (Ni-Hard, Type IV)	NIST892
High-energy Charpy V-notch impact specimen, NIST® SRM® 2096, NIST-verification	NIST2096
High-energy Charpy V-notch impact specimen, NIST® SRM® 2097, self-verification	NIST2097
High-nickel steel, NIST® SRM® 126c, 36% Ni	NIST126C
High-nickel steel, NIST® SRM®	NIST1158
High-purity gold, NIST® SRM® 685r, rod	NIST685R
High-purity iron, NIST® SRM® 1768	NIST1768
High-purity iron, NIST® SRM® 2168	NIST2168
High-purity lead, NIST® SRM® C2418	NISTC2418
High-purity zinc, NIST SRM 682	NIST682
High resolution wavelength calibration reference for 1510 nm - 1540 nm acetylene ¹² C ₂ H ₂ , NIST SRM 2517a	NIST2517A
High temperature alloy, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1230, A286	NIST1230
High temperature alloy, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1242, L-605	NIST1242
High temperature alloy, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1250, (Fe-Ni-Co)	NIST1250
High temperature alloy, NIST SRM 862, L 605	NIST862
High-temperature alloy, NIST® SRM® 868, Fe-Ni-Co	NIST868
High temperature alloy (Hastelloy C), NIST® SRM® C2402	NISTC2402
Holmium (Ho) standard solution, NIST SRM 3123a	NIST3123A
Homocysteine and folate in frozen human serum, NIST® SRM® 1955	NIST1955
Hopanes and steranes in 2,2,4 trimethylpentane, NIST® SRM® 2266	NIST2266
Human cardiac troponin complex, NIST® SRM® 2921	NIST2921
Human DNA for whole-genome variant assessment (Daughter of Utah/European Ancestry), NIST SRM 8398	NISTRM8398
Human DNA quantitation standard, NIST® SRM® 2372	NIST2372
Human Serum, NIST® SRM® 909c	NIST909C
Hydrogen in titanium alloy, NIST® SRM® 2454	NIST2454
Hydrogen in titanium alloy, NIST SRM 2453a, nominal mass fraction 125 mg/kg H	NIST2453A
Hydrogen sulfide in nitrogen, NIST SRM 2730, nominal 5 µmol/mol	NIST2730
Hydrogen sulfide in nitrogen, NIST SRM 2731, nominal 20 µmol/mol	NIST2731
25-Hydroxyvitamin D calibration solutions, NIST SRM 2972a	NIST2972A
IAEA-CH-7 (carbon and hydrogen isotopes in polyethylene foil), NIST RM 8540	NISTRM8540

* Name	Catalog Number
IAEA-N-1 (nitrogen isotopes in ammonium sulfate), NIST RM 8547	NISTRM8547
IAEA-N-2 (nitrogen isotopes in ammonium sulfate), NIST RM 8548	NISTRM8548
IAEA-S-1 (sulfur isotopes in silver sulfide), NIST RM 8554	NISTRM8554
IAEA-S-2 (sulfur isotopes in silver sulfide), NIST RM 8555	NISTRM8555
IAEA-S-3 (sulfur isotopes in silver sulfide), NIST® RM8529	NISTRM8529
Incoloy® 800, NIST® SRM® 800	NIST1246
Incoloy® 800, NIST SRM 866	NIST866
Incoloy® 825, NIST® SRM® 1247	NIST1247
Incoloy® 825, NIST® SRM® 867	NIST867
Inconel® 600, NIST® SRM® 1244	NIST1244
Inconel® 600, NIST® SRM® 864	NIST864
Inconel® 625	NIST865
Indium DSC calibration standard, NIST® SRM® 2232, temperature and enthalpy of fusion	NIST2232
Indium (In) standard solution, NIST® SRM® 3124a	NIST3124A
Infant/adult nutritional formula, NIST® SRM® 1849a	NIST1849A
Inorganic constituents in animal serum, NIST® SRM® 1598a	NIST1598A
Inorganics in marine sediment, NIST® SRM® 2702	NIST2702
Instrument response standard for x-ray powder diffraction, NIST® SRM® 1976b	NIST1976B
Intermediate-purity zinc, NIST SRM 728	NIST728
Iodide anion (I ⁻) standard solution, NIST SRM 3180	NIST3180
Iron (Fe) standard solution, NIST SRM 3126a	NIST3126A
Iron metal, NIST® SRM® 937, clinical standard	NIST937
Iron ore, Canada, NIST® SRM® 690	NIST690
Iron ore, Labrador, NIST® SRM® 692	NIST692
Iron ore, Nimba, NIST® SRM® 693	NIST693
Iron oxide, reduced, NIST® SRM® 691	NIST691
IR transmission wavelength (polystyrene film), NIST® SRM® 1921b	NIST1921B
Isooctane liquid density	NIST2214
Isotopic standard for bromine, NIST SRM 977	NIST977
Isotopic standard for chlorine, NIST SRM 975a	NIST975A
Isotopic standard for gallium, NIST SRM 994	NIST994
Knoop hardness of ceramics, NIST SRM 2830	NIST2830
Knoop microhardness of steel, NIST SRM 2828	NIST2828
Lake Michigan fish tissue, NIST® SRM® 1947	NIST1947
Lake Superior fish tissue, NIST® SRM® 1946	NIST1946
Lanthanum (La) standard solution, NIST SRM 3127a	NIST3127A
Lead barium glass, NIST® SRM® 89	NIST89
Lead-base alloy, NIST SRM C2417	NISTC2417
Lead-base bearing metal (84Pb - 10Sb - 6Sn), NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1132	NIST1132
Lead-base bearing metal (84Pb - 10Sb - 6Sn), NIST SRM 53e	NIST53E
Leaded-tin bronze alloy, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1035	NIST1035
Lead nitrate, NIST® SRM® 928, clinical standard	NIST928
Lead paint film for portable x-ray fluorescence analyzers, NIST SRM 2570, blank (color code: white)	NIST2570
Lead paint film for portable x-ray fluorescence analyzers, NIST SRM 2571, nominal 3.5 mg/cm ² (color code: yellow)	NIST2571
Lead paint film for portable x-ray fluorescence analyzers, NIST SRM 2572, nominal 1.6 mg/cm ² (color code: orange)	NIST2572

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Lead paint film for portable x-ray fluorescence analyzers, NIST SRM 2574, nominal 0.7 mg/cm2 (color code: gold)	NIST2574
Lead paint film for portable x-ray fluorescence analyzers, NIST SRM 2575, nominal 0.3 mg/cm2 (color code: green)	NIST2575
Lead paint film for portable x-ray fluorescence analyzers, NIST SRM 2576, nominal 5.6 mg/cm2 (color code: blue)	NIST2576
Lead paint film (red), nominal 1.0 mg/cm2, NIST® SRM® 2573	NIST2573
Lead paint films for children's products, NIST® SRM® 2569	NIST2569
Lead (Pb) standard solution, NIST® SRM® 3128	NIST3128
Lead secondary freezing-point standard, NIST SRM 49e	NIST49E
Lead-silica glass for dc volume resistivity, NIST SRM 624	NIST624
Lead-silica glass for dielectric constant and ac loss characteristics, NIST SRM 774	NIST774
Limestone, NIST® SRM® 1d, argillaceous	NIST1D
Line pipe, NIST® SRM® 1269 (AISI 1526 mod.)	NIST1269
Line position and line shape standard for powder diffraction, NIST SRM 660c, Lanthanum hexaboride powder	NIST660C
Line position, Mica, NIST® SRM® 675, for X-ray powder diffraction	NIST675
Linerboard, NIST® SRM® 1810a	NIST1810A
Lipids in frozen human serum, NIST® SRM® 1951c	NIST1951C
Liquid refractive index - mineral oil, NIST® SRM® 1922	NIST1922
Lithium carbonate, NIST® SRM® 924a, clinical standard	NIST924A
Lithium (Li) standard solution, NIST® SRM® 3129a	NIST3129A
Lithium ore - Lepidolite, NIST® SRM® 183	NIST183
Lithium ore (petalite), NIST SRM 182	NIST182
Lithium ore - Spodumene, NIST® SRM® 181	NIST181
Low alloy steel, NIST® SRM® 1264a, high carbon (mod.)	NIST1264A
Low alloy steel, NIST® SRM® 1761a	NIST1761A
Low alloy steel, NIST® SRM® 1763a	NIST1763A
Low alloy steel, NIST® SRM® 1764a	NIST1764A
Low alloy steel, NIST® SRM® 1765	NIST1765
Low alloy steel, NIST® SRM® 1766	NIST1766
Low alloy steel, NIST® SRM® 1767	NIST1767
Low alloy steel, NIST® SRM® 364, high carbon (mod.)	NIST364
Low alloy steel, NIST® SRM® 2159, carbon & sulfur only	NIST2159
Low alloy steel, NIST® SRM® 2165	NIST2165
Low alloy steel, NIST® SRM® 2166, F	NIST2166
Low alloy steel, NIST® SRM® 125b, high silicon	NIST125B
Low alloy steel, NIST® SRM® high silicon	NIST179
Low alloy steel, NIST® SRM® 32e, Ni-Cr (SAE 3140)	NIST32E
Low alloy steel, NIST® SRM® 1228, 0.1% C	NIST1228
Low alloy steel, NIST® SRM® 36b, Cr-Mo	NIST36B
Low alloy steel, NIST® SRM® 1134, high silicon	NIST1134
Low alloy steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1218, high silicon	NIST1218
Low alloy steel, NIST® SRM® 1224, carbon (AISI 1078)	NIST1224
Low alloy steel, NIST® SRM® 1225, (AISI 4130)	NIST1225
Low alloy steel, NIST® SRM® 1226, (HY 130)	NIST1226
Low alloy steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1227, basic open hearth, 1%C	NIST1227
Low alloy steel, NIST® SRM® 1271, Ni-Cr-Cu-Mo (HSLA-100)	NIST1271
Low alloy steel, NIST® SRM® 361, (AISI 4340)	NIST361

* Name	Catalog Number
Low alloy steel, NIST® SRM® 363, Cr-V (mod.)	NIST363
Low alloy steel, NIST® SRM® 1286, (HY 80)	NIST1286
Low alloy steel, NIST® SRM® 129c, high sulfur (SAE 112)	NIST129C
Low alloy steel, NIST® SRM® 1754, (AISI 4320)	NIST1754
Low alloy steel, NIST® SRM® 1135, high silicon	NIST1135
Low alloy steel, NIST® SRM® 1270, Cr-Mo (A336) (F-22)	NIST1270
Low alloy steel, NIST® SRM® 1762a	NIST1762A
Low alloy steel, NIST® SRM® 2167, G	NIST2167
Low alloy steel, NIST® SRM® 2171, (HSLA-100)	NIST2171
Low alloy steel, NIST® SRM® 293, Cr-Ni-Mo (AISI 8620)	NIST293
Low alloy steel, NIST SRM 2160, carbon & sulfur only	NIST2160
Low alloy steel, NIST® SRM® C1285, (A242) (mod.)	NISTC1285
Low alloy steel, NIST SRM 72g, (AISI 4130)	NIST72G
Low-energy Charpy V-notch impact specimen, NIST® SRM® 2092, NIST-verification	NIST2092
Low temperature Seebeck coefficient standard, NIST® SRM® 3451	NIST3451
Lubricating oil additive package, NIST® SRM® 1848	NIST1848
Lutetium (Lu) standard solution, NIST SRM 3130a	NIST3130A
Magnesium, NIST® SRM® 980, isotopic standard	NIST980
Magnesium D-gluconate dihydrate	NIST929A
Magnesium (Mg) standard solution, NIST® SRM® 3131a	NIST3131A
Magnetic moment standard - nickel disk, NIST SRM 762	NIST762
Magnetic moment standard - nickel sphere, NIST® SRM® 772a	NIST772A
Magnetic susceptibility standard - platinum cylinder, NIST SRM 764a	NIST764A
Manganese (Mn) standard solution, NIST® SRM® 3132	NIST3132
Manganese ore, NIST® SRM® 25d	NIST25D
Manganese steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 100B	NIST100B
D-Mannitol, NIST® SRM® 920	NIST920
Meat homogenate, NIST® SRM® 1546a	NIST1546A
Medium test dust (MTD), NIST® RM 8631a	NISTRM8631A
Medium test dust (MTD) in hydraulic fluid, NIST® SRM® 2806b	NIST2806B
MEMS 5-in-1 test chip, NIST RM 8097	NISTRM8097
Mercuric chloride standard solution, NIST SRM 3177	NIST3177
Mercury (Hg) standard solution, NIST® SRM® 3133	NIST3133
Mercury in brominated activated carbon, NIST SRM 2448	NIST2448
Mercury in water, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1641e	NIST1641E
Mercury, perchlorate, and iodide in frozen human urine	NIST3668
Mercury porosimetry standard, NIST SRM 1917	NIST1917
Metabolites in human plasma, NIST® SRM® 1950	NIST1950
Methane and propane in air, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1660A	NIST1660A
Methane in air, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1658a, nominal 1 umol/mol	NIST1658A
Methane in air, NIST SRM 1659a, nominal 10 umol/mol	NIST1659A
Methane in air	NIST2750
Methane in air, NIST SRM 2751, nominal 100 umol/mol	NIST2751
Microcopy resolution test charts, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1010a	NIST1010A

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Micro-machined apertures, metal coating 1 side of chip, NIST SRM 6006b	NIST6006B
Microsphere slide, NIST SRM 1965, 10 µm polystyrene spheres	NIST1965
Miniaturized high-energy Charpy V-notch KLST impact specimen, NIST SRM 2218	NIST2218
Miniaturized low-energy Charpy V-notch KLST impact specimen, NIST SRM 2216	NIST2216
Miniaturized super high-energy Charpy V-notch KLST impact specimen, NIST SRM 2219	NIST2219
Mitochondrial DNA sequencing, NIST® SRM® 2392, human	NIST2392
Mitochondrial DNA sequencing, NIST® SRM® 2392-1, human HL-60 DNA	NIST2392-1
Mix coal tar/petroleum extract in methylene chloride, NIST SRM 1991	NIST1991
Mixed-berry-containing solid oral dosage form, NIST SRM 3285	NIST3285
Moisture in methanol, 325 mg/kg, NIST® SRM® 8510	NISTRM8510
Moisture in methanol, 93 mg/kg, NIST® SRM® 8509	NISTRM8509
Moisture in transformer oil, NIST® SRM® 8506a	NISTRM8506A
Molybdenum - heat capacity, NIST SRM 781D2	NIST781D2
Molybdenum (Mo) standard solution, NIST® SRM® 3134	NIST3134
Molybdenum oxide concentrate, NIST® SRM® 423	NIST423
Molybdenum sulfide concentrate, NIST® SRM® 333a	NIST333A
Molybdenum-tungsten-chromium-vanadium steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 134a	NIST134A
Montana II soil, NIST® SRM® 2711a	NIST2711A
Montana I soil, NIST® SRM® 2710a	NIST2710A
Monterey pine whole biomass feedstock, NIST® RM 8493	NISTRM8493
Multivitamin/multielement tablets, NIST® SRM® 3280	NIST3280
Mussel tissue (trace elements and methylmercury), freeze-dried, NIST® SRM® 2976	NIST2976
Naval brass UNS 46400, NIST® SRM® 1107	NIST1107
NBS 123 (sulfur isotopes in sphalerite), NIST RM 8556	NISTRM8556
NBS 127 (sulfur and oxygen isotopes in barium sulfate), NIST RM 8557	NISTRM8557
NBS 18 (carbon isotopes in carbonatite), NIST® RM 8543	NISTRM8543
NBS 22 oil (carbon and hydrogen isotopes in oil), NIST RM 8539	NISTRM8539
NBS 28 (silicon and oxygen isotopes in silica sand), NIST® RM 8546	NISTRM8546
Near infrared wavelength/wavenumber reflection standard, NIST SRM 2036	NIST2036
Neutron density monitor wire, NIST SRM 953, cobalt in aluminum	NIST953
New York/New Jersey waterway sediment, NIST® SRM® 1944	NIST1944
Nickel-based superalloy, NIST® SRM® 861	NIST861
Nickel-chromium cast iron, NIST SRM 82b	NIST82B
Nickel-chromium-cobalt alloy, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1243, UNS N07001 (disk form)	NIST1243
Nickel-copper alloy, NIST® SRM® C1248, 66Ni - 30Cu	NISTC1248
Nickel-copper alloy, NIST SRM 882, 65Ni - 31Cu - 3Al	NIST882
Nickel isotopic standard, NIST® SRM® 986	NIST986
Nickel microhardness test block (Knoop), NIST SRM 1895	NIST1895
Nickel microhardness test block (Knoop), NIST SRM 1905	NIST1905
Nickel microhardness test block (Knoop), NIST SRM 1906	NIST1906

* Name	Catalog Number
Nickel microhardness test block (Knoop), NIST SRM 1907	NIST1907
Nickel (Ni) standard solution, NIST® SRM® 3136	NIST3136
Nickel silver, NIST SRM 880, (CDA 770)	NIST880
Nickel steel, NIST SRM 33e	NIST33E
Nicotine metabolites in human urine (frozen)	NIST3671
Nicotinic acid, NIST® SRM® 148	NIST148
Ni-Cr-Fe-Nb-Mo Alloy UNS N07718, NIST® SRM® 1249 (disk form)	NIST1249
Ni-Cr-Mo-V steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1173	NIST1173
Ni/Cr thin film depth profile standard, NIST SRM 2135c	NIST2135C
Niobium (Nb) standard solution, NIST® SRM® 3137	NIST3137
Nitrate anion standard solution, NIST® SRM® 3185	NIST3185
Nitric oxide in nitrogen, NIST SRM 1684b, nominal 100 umol/mol	NIST1684B
Nitric oxide in nitrogen, NIST SRM 1687b, nominal 1000 umol/mol	NIST1687B
Nitric oxide in nitrogen, NIST SRM 2627a, nominal 5 umol/mol	NIST2627A
Nitric oxide in nitrogen, NIST SRM 2628a, nominal 10 umol/mol	NIST2628A
Nitric oxide in nitrogen, NIST SRM 1683b, nominal 50 umol/mol	NIST1683B
Nitric oxide in nitrogen, NIST SRM 2737, nominal 500 nmol/mol	NIST2737
Nitric oxide in nitrogen, NIST SRM 2735, nominal 800 umol/mol	NIST2735
Nitric oxide in nitrogen, NIST SRM 2738, nominal 1000 nmol/mol	NIST2738
Nitric oxide in nitrogen, NIST SRM 2630, nominal 1500 umol/mol	NIST2630
Nitric oxide in nitrogen, NIST SRM 2631a, nominal 3000 umol/mol	NIST2631A
Nitrogen and oxygen isotopes in nitrate, NIST® RM 8568	NISTRM8568
Nitrogen and oxygen isotopes in nitrate, NIST® RM 8569	NISTRM8569
Nitrogen in low alloy steel, NIST SRM 1755	NIST1755
Nitrous oxide in air, NIST SRM 1718, nominal 1 µmol/mol	NIST1718
Nodular cast iron, NIST SRM 342a	NIST342A
Nominal 100 nm diameter polystyrene spheres, NIST® SRM® 1963a	NIST1963A
Nominal 30 µm diameter polystyrene spheres, NIST SRM 1961	NIST1961
Nominal 60 nm diameter polystyrene spheres, NIST® SRM® 1964	NIST1964
Northern softwood, NIST RM 8495, bleached kraft pulp	NISTRM8495
NSVEC (nitrogen isotopes in gaseous nitrogen), NIST RM 8552	NISTRM8552
Obsidian rock, NIST® SRM® 278	NIST278
Omega-3 and Omega-6 fatty acids in fish oil, NIST® SRM® 3275	NIST3275
Optical fiber coating diameter, NIST SRM 2553, nominal refractive index 1.504	NIST2553
Optical fiber coating diameter, NIST SRM 2554, nominal refractive index 1.515	NIST2554
Optical fiber diameter standard, NIST SRM 2520	NIST2520
Optical fiber linearity system, NIST SRM 6007	NIST6007
Organic acids calibration solution, NIST® SRM® 3286	NIST3286
Organic contaminants in fortified human milk, NIST® SRM® 1954	NIST1954
Organic contaminants in fortified human serum, NIST® SRM® 1958	NIST1958
Organic contaminants in house dust, NIST® SRM® 2585	NIST2585

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Organic contaminants in non-fortified human milk	NIST1953
Organic contaminants in non-fortified human serum, NIST® SRM® 1957	NIST1957
Organic contaminants in non-smokers' urine (frozen), NIST® SRM® 3673	NIST3673
Organic contaminants in smokers' urine (frozen), NIST® SRM® 3672	NIST3672
Organics in freeze-dried mussel tissue (<i>Mytilus edulis</i>), NIST® SRM® 2974a	NIST2974A
Organics in marine sediment, NIST® SRM® 1941b	NIST1941B
Organics in mussel tissue (<i>Mytilus edulis</i>), NIST® SRM® 1974c	NIST1974C
Organics in whale blubber	NIST1945
Overlay wafer standard, NIST SRM 5000	NIST5000
Oxidative DNA damage mass spectrometry standards, NIST SRM 2396	NIST2396
Oxygen in ingot iron, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 100B	NIST1090
Oxygen in maraging steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1094	NIST1094
Oxygen in nitrogen, NIST® SRM® 2657a, nominal 2% mol/mol	NIST2657A
Oxygen in nitrogen, NIST SRM 2658a, nominal 10% mol/mol	NIST2658A
Oxygen in nitrogen, NIST® SRM® 2659a, nominal 21% mol/mol	NIST2659A
Oxygen in stainless steel (AISI 431), NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1091a	NIST1091A
Oxygen in valve steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1093	NIST1093
Oyster tissue, NIST® SRM® 1566b	NIST1566B
Paint on fiberboard, NIST RM 8680, nominal 1 to 2 mg/cm ² lead	NISTRM8680
Palladium (Pd) standard solution, NIST® SRM® 3138	NIST3138
Particle size distribution standard for sedigraph calibration, NIST SRM 659	NIST659
PBDE congeners in 2,2,4-trimethylpentane, NIST® SRM® 2257	NIST2257
PCB congeners in river sediment A, NIST® SRM® 1939a	NIST1939A
PCB congeners in 2,2,4-trimethylpentane, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1493	NIST1493
PCB congeners in 2,2,4-trimethylpentane, NIST® SRM® 2259	NIST2259
PCR based DNA profiling standard, NIST® SRM® 2391c	NIST2391C
Peach leaves, NIST® SRM® 1547	NIST1547
Peanut butter, NIST® SRM® 2387	NIST2387
Peptide reference material for molecular mass and purity measurements	NISTRM8327
Perdeuterated PAH-II solution in hexane/toluene, NIST® SRM® 2270	NIST2270
Perfluorinated carboxylic acids and perfluorooctane sulfonamide in methanol, NIST RM 8446	NISTRM8446
Perfluorinated sulfonic acids in methanol, NIST RM 8447	NISTRM8447
Phosphate anion standard solution, NIST® SRM® 3186	NIST3186
Phosphate rock, NIST® 120c, FloridaSRM® 120c, Florida	NIST120C
Phosphate rock, NIST® SRM® 694, Western	NIST694
Phosphor bronze, NIST SRM 871, (CDA 521)	NIST871
Phosphor bronze, NIST SRM 872, (CDA 544)	NIST872
Phosphorus deoxidized copper, NIST SRM C1251a, Cu IX	NISTC1251A
Phosphorus deoxidized copper	NISTC1253A

* Name	Catalog Number
Phosphorus implant in silicon depth profile standard, NIST SRM 2133	NIST2133
Phosphorus (P) standard solution, NIST® SRM® 3139a	NIST3139A
pH Standards, NIST® SRM® 186g, set of 186-I-g + 186-II-g	NIST186G
pH Standards, NIST® SRM® 191d, set of 191d-I + 191d-II	NIST191D
Phthalates in methanol, NIST® SRM® 3074	NIST3074
Plastic clay, NIST® SRM® 98b	NIST98B
Polyethylene, linear, NIST® SRM® 1484a	NIST1484A
Poly(methyl methacrylate), NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1487, 6 K narrow molecular weight distribution	NIST1487
Poly(methyl methacrylate), NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1488, 29 K narrow molecular weight distribution	NIST1488
Polystyrene absolute molecular mass distribution standard, NIST® SRM® 2881	NIST2881
Polystyrene (narrow molecular weight distribution), NIST® SRM® 705a	NIST705A
Polystyrene (narrow molecular weight distribution), NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1479	NIST1479
Polystyrene (narrow molecular weight distribution), NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1478	NIST1478
Polyvinylpyrrolidone coated silver nanoparticles, NIST RM 8017, nominal diameter 75 nm	NISTRM8017
Portable vacuum standard, NIST SRM 6003a	NIST6003A
Portable vacuum standard 1 Pa to 700kPa (commercial mercury manometer replacement), NIST SRM 6003b	NIST6003B
Portland cement, NIST® SRM® 114q, fineness standard	NIST114Q
Portland cement, NIST® SRM® 1880b	NIST1880B
Portland cement, NIST® SRM® 1881a	NIST1881A
Portland cement, NIST® SRM® 1884b	NIST1884B
Portland cement, NIST® SRM® 1885a	NIST1885B
Portland cement, NIST® SRM® 1886a, white portland cement with low iron	NIST1886A
Portland cement, NIST® SRM® 1887b	NIST1887B
Portland cement, NIST® SRM® 1888b	NIST1888B
Portland cement, NIST® SRM® 46h, fineness standard	NIST46H
Portland cement, NIST® SRM® 633a	NIST633A
Portland cement, NIST® SRM® 634a	NIST634A
Portland cement, blended with limestone, NIST® SRM® 1889a	NIST1889A
Portland cement clinker, NIST® SRM® 2686a	NIST2686A
Portland cement clinker, NIST® SRM® 2687	NIST2687
Portland cement clinker, NIST SRM 2688	NIST2688
Positive electrophoretic mobility standard, NIST® SRM® 1980	NIST1980
Potassium chloride, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1655, KCl (cr) for solution calorimetry	NIST1655
Potassium dichromate, NIST® SRM® 136f, oxidimetric standard	NIST136F
Potassium dihydrogen phosphate, NIST® SRM® 200b	NIST200B
Potassium feldspar, NIST SRM 607	NIST607
Potassium feldspar, NIST SRM 70b	NIST70B
Potassium fluoride, NIST SRM 2203, standard for ion-selective electrodes	NIST2203
Potassium hydrogen phthalate, NIST® SRM® 185i, pH standard	NIST185I

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Potassium hydrogen phthalate, NIST® SRM® 84I	NIST84L
Potassium hydrogen phthalate, NIST® SRM® 2185, pD standard	NIST2185
Potassium hydrogen tartrate, NIST® SRM® 188, pH standard	NIST188
Potassium nitrate, NIST® SRM® 193	NIST193
Potassium phosphate monobasic, NIST SRM 2186I	NIST2186I
Potassium (K) standard solution, NIST SRM 3141a	NIST3141A
Potassium tetraoxalate dihydrate, NIST® SRM® 189c, pH standard	NIST189C
Powdered paint, NIST® SRM® 2581, nominal 0.5% lead	NIST2581
Powdered paint, NIST® SRM® 2582, nominal 200mg/kg lead	NIST2582
Powdered paint, NIST® SRM® 2589, nominal 10% lead	NIST2589
Powdered paint, NIST® SRM® 2580, nominal 4% lead	NIST2580
Praseodymium (Pr) standard solution, NIST SRM 3142a	NIST3142A
Priority pollutant PAHs (in acetonitrile), NIST® SRM® 1647f	NIST1647F
Priority pollutant phenols in methanol, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1584	NIST1584
Propane in air, NIST® SRM® 1666b, nominal 10 µmol/mol	NIST1666B
Propane in air, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1667B, nominal 50 mmol/mol	NIST1667B
Propane in air, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1668B, nominal 100 µmol/mol	NIST1668B
Propane in air, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1669B, nominal 500 mmol/mol	NIST1669B
Propane in air, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1665B	NIST1665B
Propane in air, NIST SRM 2764, nominal 0.25 µmol/mol	NIST2764
Propane in air, NIST SRM 2765, nominal 100 nmol/mol	NIST2765
Propane in nitrogen	NIST2644A
Propane in nitrogen, NIST SRM 2647a, nominal 2500 µmol/mol	NIST2647A
Propane in nitrogen, NIST SRM 2646a, nominal 1000 µmol/mol	NIST2646A
X-ray powder diffraction intensity set, NIST® SRM® 674b, quantitative powder diffraction standard	NIST674B
Recycled pellet (autocatalyst), NIST® SRM® 2556	NIST2556
Red brass B, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1110	NIST1110
Red brass standard, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1111	NIST1111
Refined copper, NIST® SRM® 885	NIST885
Reformulated gasoline (nominal mass fraction 13 % ETBE), NIST SRM 2296	NIST2296
Reformulated gasoline (nominal mass fraction 10% ETOH), NIST® SRM® 2297	NIST2297
Reformulated gasoline (nominal mass fraction 11% MTBE), NIST® SRM® 2294	NIST2294
Reformulated gasoline (nominal 15% MTBE), NIST SRM 2295	NIST2295
Refractory alloy MP-35-N, NIST® SRM® 1775	NIST1775
Refractory alloy MP-35-N, NIST SRM 2175	NIST2175
Relative intensity correction standard for fluorescence spectroscopy	NIST2940
Relative intensity correction standard for fluorescence spectroscopy, NIST SRM 2941, green emission	NIST2941
Relative intensity correction standard for fluorescence spectroscopy	NIST2943

* Name	Catalog Number
Relative intensity correction standard for fluorescence spectroscopy, NIST SRM 2944, red emission	NIST2944
Relative intensity correction standard for fluorescence spectroscopy, NIST SRM 2942, ultraviolet emission	NIST2942
Relative intensity correction standard for Raman spectroscopy, NIST® SRM® 2241, 785 nm excitation	NIST2241
Relative intensity correction standard for Raman spectroscopy, NIST® SRM® 2242, 532 nm excitation	NIST2242
Relative intensity correction standard for Raman spectroscopy, NIST SRM 2244	NIST2244
Relative intensity correction standard for Raman spectroscopy, NIST SRM 2245, 633 nm excitation	NIST2245
Relative intensity correction standard for Raman spectroscopy, NIST® SRM® 2246, 830 nm excitation	NIST2246
Relative permittivity and loss tangent 1422 cross-linked polystyrene, NIST SRM 2870	NIST2870
Respirable alpha-quartz, NIST® SRM® 1878b, quantitative X-ray powder diffraction standard	NIST1878B
Respirable cristobalite, NIST® SRM® 1879a, quantitative X-ray powder diffraction standard	NIST1879A
Respirable cristobalite on filter media, NIST® SRM® 2960, 5-250 µg	NIST2960
Rhodium (Rh) standard solution, NIST® SRM® 3144	NIST3144
Rice flour, NIST® SRM® 1568b	NIST1568B
Rockwell hardness 15N scale, NIST SRM 2816, low range (nominal 72 HR15N)	NIST2816
Rockwell hardness 15N scale, NIST SRM 2817, mid range (nominal 83 HR15N)	NIST2817
Rockwell hardness 15N scale, NIST SRM 2818, high range (nominal 91 HR15N)	NIST2818
Rockwell hardness 30N scale, NIST SRM 2819, low range (nominal 45 HR30N)	NIST2819
Rockwell hardness 30N scale, NIST SRM 2820, mid range (nominal 64 HR30N)	NIST2820
Rockwell hardness 30N scale, NIST SRM 2821, high range (nominal 79 HR30N)	NIST2821
Rockwell C scale hardness, NIST® SRM® 2810, low range	NIST2810
Rockwell C scale hardness, NIST® SRM® 2811, mid range	NIST2811
Rockwell C scale hardness, NIST SRM 2812, high range	NIST2812
Rubidium chloride, NIST SRM 984	NIST984
Rutile ore, NIST® SRM® 670	NIST670
Sand for sand sieve analysis, NIST® RM 8010	NISTRM8010
San Joaquin soil, NIST® SRM® 2709a	NIST2709A
Sapphire heat capacity, NIST® SRM® 720	NIST720
Scandium (Sc) standard solution, NIST® SRM® 3148a	NIST3148A
Scanning electron microscope scale calibration artifact, NIST® RM 8820	NISTRM8820
Scanning electron microscope sharpness standard, NIST RM 8091	NISTRM8091
Scheelite ore, NIST® SRM® 2430	NIST2430
Secondary ferrite number standard - low range, NIST RM 8480	NISTRM8480
Sediment for solid sampling (small sample) analytical techniques, NIST® SRM® 2703	NIST2703
Selenium (Se) standard solution, NIST® SRM® 3149	NIST3149
Semiconductor thin film: AlxGa1-xAs epitaxial layers (Al mole fraction x near 0.30), NIST SRM 2842	NIST2842
Serenoa repens extract, NIST® SRM® 3251	NIST3251
Serenoa repens (fruit), NIST® SRM® 3250	NIST3250
Si1-xGex films on Si, NIST RM 8095	NISTRM8095
Silica brick	NIST198
Silica brick	NIST199
Silica fume, NIST® SRM® 2696	NIST2696
Silicon, NIST® SRM® 640e, powder, line position and line shape standard for powder diffraction	NIST640E

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Silicon-aluminum alloy, NIST® SRM® 87a	NIST87A
Silicon bronze, NIST® SRM® 158a	NIST158A
Silicon metal, NIST® SRM® 57b	NIST57B
Silicon nanoparticles, NIST RM 8027, nominal diameter 2 nm	NISTRM8027
Silicon nitride, NIST RM 8983	NISTRM8983
Silicon nitride powders, NIST® SRM® 656, for quantitative analysis by powder diffraction	NIST656
Silicon nitride powder - specific surface area standard, NIST® SRM® 1900	NIST1900
Silicon resistivity standard	NIST2541
Silicon resistivity standard, NIST SRM 2543, 1 ohm · cm level	NIST2543
Silver (Ag) standard solution, NIST® SRM® 3151	NIST3151
Silver freezing-point standard, NIST SRM 1746	NIST1746
Single crystal diffractometer alignment standard - ruby sphere, NIST® SRM® 1990	NIST1990
Single wall carbon nanotubes, NIST® SRM® 2483, raw soot	NIST2483
Sinusoidal roughness specimen, NIST SRM 2073a	NIST2074
Sinusoidal roughness specimen	NIST2075
Skimmed milk powder (major and trace elements), ERM® certified Reference Material	ERMBD150-20G
SLAP-Water light stable isotopic standard, NIST®RM 8537	NISTRM8537
Soda feldspar, NIST® SRM® 99b	NIST99B
Soda lime flat glass, NIST® SRM® 620	NIST620
Soda lime float glass, NIST® SRM® 1830	NIST1830
Soda-lime glass, NIST SRM 92, (low boron)	NIST92
Soda lime sheet glass, NIST® SRM® 1831	NIST1831
Soda-lime-silica glass, NIST SRM 622	NIST622
Sodium bicarbonate, NIST SRM 2191a, pD Standard	NIST2191A
Sodium carbonate, NIST® SRM® 351a	NIST351A
Sodium carbonate, NIST SRM 2192a, pD Standard	NIST2192A
Sodium chloride, NIST® SRM® 2201, ion-selective	NIST2201
Sodium chloride, NIST® SRM® 919b, clinical standard	NIST919B
Sodium (Na) standard solution, NIST® SRM® 3152a	NIST3152A
Sodium tetraborate decahydrate, NIST® SRM® 187e, pH standard	NIST187E
Soft borosilicate glass, NIST® SRM® 1411	NIST1411
Solder, NIST® SRM® 1131, 60Pb - 40Sn	NIST1131
Solder, NIST® SRM® 1129, 63Pb - 37Sn	NIST1129
Southern oceanic air, NIST SRM 1721	NIST1721
Soy-containing solid oral dosage form, NIST SRM 3238	NIST3238
Soy flour, NIST® SRM® 3234	NIST3234
Soy protein concentrate, NIST SRM 3237	NIST3237
Soy protein isolate, NIST SRM 3236	NIST3236
Spectrographic zinc-base die-casting alloy B, NIST® SRM® 626	NIST626
Spectrographic zinc-base die-casting alloy D, NIST SRM 628	NIST628
Spectrographic zinc spelter (modified), NIST SRM 631	NIST631
Spectroscopic titanium-base standards, titanium alloy, 8 Mn, NIST SRM 641, (A)	NIST641
Spectroscopic titanium-base standards, titanium alloy, 8 Mn, NIST SRM 642, (B)	NIST642
Spectroscopic titanium-base standards, titanium alloy, 8 Mn, NIST SRM 643, (C)	NIST643
Spray-dried whole egg for allergen detection, NIST® SRM® 8445	NISTRM8445
Stainless Steel, NIST® SRM® 101g, 18 Cr - 10 Ni (AISI 304L)	NIST101G
Stainless Steel, NIST® SRM® 343a, Cr 16 - Ni 2 (AISI 431)	NIST343A

* Name	Catalog Number
Stainless Steel, NIST® SRM® 1155a, Cr 18 - Ni 12 - Mo 2 (AISI 316)	NIST1155A
Stainless Steel, NIST® SRM® 73c, Cr (SAE 420)	NIST73C
Stainless Steel, NIST® SRM® 893, (SAE 405)	NIST893
Stainless Steel, NIST® SRM® 1171, Cr 17 - Ni 11 - Ti 0.3 (AISI 321)	NIST1171
Stainless Steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1172, Cr 17 - Ni 11 - Nb 0.6 (AISI 348)	NIST1172
Stainless Steel, NIST® SRM® 1297, (SAE 201)	NIST1297
Stainless Steel, NIST® SRM® 160b, Cr 18 - Ni 12 - Mo 2 (AISI 316)	NIST160B
Stainless Steel, NIST® SRM® 166c, low-carbon (AISI 316L)	NIST166C
Stainless Steel, NIST® SRM® 123c, Cr 17 - Ni 11 - Nb 0.6 (AISI 348)	NIST123C
Stainless Steel, NIST® SRM® 738, thermal expansion	NIST738
Stainless Steel, NIST® SRM® 1219, Cr 16 - Ni 2 (AISI 431)	NIST1219
Stainless Steel, NIST® SRM® 1295, (SAE 405)	NIST1295
Stainless Steel, NIST® SRM® C1151a, 23 Cr - 7 Ni	NISTC1151A
Stainless Steel, NIST® SRM® C1153a, 17 Cr - 9 Ni	NISTC1153A
Stainless Steel, NIST® SRM® C1154a, 19 Cr - 13 Ni	NISTC1154A
Stainless Steel, NIST® SRM® C1296	NISTC1296
Stainless Steel, NIST SRM 895, (SAE 201)	NIST895
Stainless Steel, NIST SRM c1152a, 18 Cr - 11 Ni	NISTC1152A
Standard cartridge case, NIST® SRM® 2461	NIST2461
Standard platinum resistance thermometer, NIST SRM 1750, certified thermometer for the range 13.8033 K to 429.7485 K on the international temperature scale of 1990	NIST1750
Standard sapphire single crystal wafer for crystalline orientation, NIST SRM 1995	NIST1995
Standard silicon single crystal wafer for crystalline orientation, NIST SRM 1994	NIST1994
Steels, set, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1089 (consists of SRMs 1095, 1096, 1097, 1098 and 1099)	NIST1089
Strontium carbonate, NIST® SRM® 987, isotopic standard	NIST987
Strontium (Sr) standard solution, NIST® SRM® 3153a	NIST3153A
Sucrose, NIST® SRM® 17f, optical rotation	NIST17F
Sugarcane bagasse whole biomass feedstock, NIST® SRM® 8491	NISTRM8491
Sulfate anion standard solution, NIST® SRM® 3181	NIST3181
Sulfur dioxide in nitrogen, NIST SRM 1689, nominal 5 umol/mol	NIST1689
Sulfur dioxide in nitrogen, NIST SRM 1694a, nominal 100 umol/mol	NIST1694A
Sulfur dioxide in nitrogen, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1661A	NIST1661A
Sulfur dioxide in nitrogen, NIST SRM 1662a, nominal 1000 umol/mol	NIST1662A
Sulfur dioxide in nitrogen, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1663A	NIST1663A
Sulfur dioxide in nitrogen, NIST SRM 1696a, nominal 3500 umol/mol	NIST1696A
Sulfur dioxide in nitrogen, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1664A	NIST1664A
Sulfur in di-n-butyl sulfide, NIST® SRM® 2720	NIST2720
Sulfur in diesel fuel oil, NIST® SRM® 1624d, (0.4%)	NIST1624D
Sulfur in diesel fuel oil, NIST® SRM® 2770, (40 mg/kg)	NIST2770
Sulfur in diesel fuel oil, NIST® SRM® 2723b, (nominal mass fraction 10mg/kg)	NIST2723B

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Sulfur in gasoline, NIST® SRM® 2299, (reformulated)	NIST2299
Sulfur in Gasoline (High Octane), NIST® SRM® 2298, (high octane)	NIST2298
Sulfur in kerosene, NIST® SRM® 1616b, (low level)	NIST1616B
Sulfur in kerosene, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1617b, (high level)	NIST1617B
Sulfur in lub base oil, NIST® SRM® 1819a	NIST1819A
Sulfur in residual fuel oil, NIST® SRM® 1619b, (0.7%)	NIST1619B
Sulfur (S) standard solution, NIST SRM 3154	NIST3154
Superconducting critical current - Nb Ti wire, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1457	NIST1457
Synthetic refuse-derived fuel combustion calorimetric standard, NIST® SRM® 1657	NIST1657
Tantalum (Ta) standard solution, NIST SRM 3155	NIST3155
Terbium (Tb) standard solution, NIST SRM 3157a	NIST3157A
Thallium (Tl) standard solution, NIST® SRM® 3158	NIST3158
Thermal analysis purity set, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1514, (DSC)	NIST1514
Thermal conductivity - expanded polystyrene board, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1453	NIST1453
Thermal conductivity - fibrous glass board, NIST® SRM® 150d	NIST1450D
Thermal resistance - fibrous glass blanket for high precision measurements, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1452	NIST1452
Thermal resistance - fumed silica board, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1459	NIST1459
Thermal resistance - fumed silica board, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1449	NIST1449
Thianthrene, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1656, combustion calorimetric standard	NIST1656
Three planar polychlorinated biphenyl (PCB) congeners in isooctane, NIST® SRM® 2276	NIST2276
Thulium (Tm) standard solution, NIST SRM 3160a	NIST3160A
TiAl(NbW) alloy for microanalysis, NIST SRM 2061	NIST2061
Tin alloy, NIST® SRM® 1728, Sn - 3 Cu - 0.5 Ag	NIST1728
Tin alloy, NIST® SRM® 1729, 97 Sn - 3 Pb	NIST1729
Tin freezing-point standard, NIST SRM 741a	NIST741A
Tissue engineering reference scaffold, NIST RM 8395	NISTRM8395
Tissue engineering reference scaffold, NIST RM 8396	NISTRM8396
Tissue engineering reference scaffold, NIST RM 8397	NISTRM8397
Tissue engineering reference scaffolds for cell culture, NIST RM 8394	NISTRM8394
Titanium alloy, NIST® SRM® 173c, 6Al-4V	NIST173C
Titanium alloy, NIST® SRM® 654b, Al-V	NIST654B
Titanium alloy, NIST® SRM® 647, Al-Mo-Sn-Zr	NIST647
Titanium-base alloy, NIST SRM 648, 5Al - 2Sn - 2Zr - 4Cr - 4Mo	NIST648
Titanium-base alloy, NIST SRM 649, 15V - 3Al - 3Cr - 3Sn	NIST649
Titanium-base alloy, NIST SRM 2431, 6Al - 2Sn - 4Zr - 6Mo	NIST2431
Titanium-base alloy, NIST SRM 2432, 10V - 2Fe - 3Al	NIST2432
Titanium-base alloy, NIST SRM 2433, 8Al - 1Mo - 1V	NIST2433
Titanium-base alloy, NIST® SRM® 1128, 15V - 3Al - 3Cr - 3Sn	NIST1128
Titanium dioxide, NIST® SRM® 1898, nanomaterial	NIST1898

* Name	Catalog Number
Titanium dioxide, NIST RM 8988, powder, particle size distribution	NISTRM8988
Titanium dioxide, NIST® SRM® 154c	NIST154C
Titanium (Ti) standard solution, NIST® SRM® 3162a	NIST3162A
Tocopherols in edible oils, NIST® SRM® 3278	NIST3278
Toluene liquid density, NIST® SRM® 211d	NIST211D
Tomato leaves, NIST® SRM® 1573a	NIST1573A
Tool steel, NIST® SRM® 1772, (S-7)	NIST1772
Tool steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1157	NIST1157
Tool steel, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 132b, (AISI M2)	NIST132B
Tool steel, NIST SRM 1857, for abrasive wear standard	NIST1857
Tool steel, NIST SRM 2172, (S-7)	NIST2172
Total chlordane in methanol, NIST SRM 3068	NIST3068
Toxic elements in freeze-dried urine, NIST® SRM® 2670a	NIST2670A
Toxic elements in frozen human urine, NIST® SRM® 2668	NIST2668
Toxic metals in caprine blood, NIST® SRM® 955c	NIST955C
Tracealloy A, NIST SRM 897	NIST897
Tracealloy C, NIST SRM 899	NIST899
Trace elements in coal (bituminous), NIST® SRM® 1632d	NIST1632D
Trace elements in coal fly ash, NIST® SRM® 1633c	NIST1633C
Trace elements in coal (sub-bituminous), NIST® SRM® 1635a	NIST1635A
Trace elements in fuel oil, NIST® SRM® 1634c	NIST1634C
Trace elements in glass, NIST® SRM® 610	NIST610
Trace elements in glass, NIST® SRM® 611	NIST611
Trace elements in glass, NIST® SRM® 612	NIST612
Trace elements in glass, NIST® SRM® 613	NIST613
Trace elements in glass, NIST® SRM® 614	NIST614
Trace elements in glass, NIST® SRM® 615	NIST615
Trace elements in glass, NIST® SRM® 616	NIST616
Trace elements in glass, NIST SRM 617	NIST617
Trace elements in indoor dust, NIST® SRM® 2583	NIST2583
Trace elements in indoor dust, NIST® SRM® 2584	NIST2584
Trace elements in multi-nutrient fertilizer, NIST® SRM® 695	NIST695
Trace elements in natural water, NIST® SRM® 1640a	NIST1640A
Trace elements in pine needles, NIST® SRM® 1575a	NIST1575A
Trace elements in soil containing lead from paint, NIST® SRM® 2586, nominal 500 mg/kg lead	NIST2586
Trace elements in soil containing lead from paint, NIST® SRM® 2587, nominal 3000 mg/kg lead	NIST2587
Trace elements in spinach leaves, NIST® SRM® 1570a	NIST1570A
Trace particulate explosives simulants	NIST2905
Trace terrorist explosives simulants	NIST2907
Tripalmitin, NIST® SRM® 1595	NIST1595
Tris acidimetric, NIST® SRM® 723e	NIST723E
Tris(1-phenyl-1,3-butanediono)chromium(III), NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1078b	NIST1078B
Tris(1-phenyl-1,3-butanediono)iron(III), NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1079b	NIST1079B
Tungsten-chromium-vanadium steel, NIST® SRM® 50c	NIST50C
Tungsten concentrate	NIST277
Tungsten 20 % - molybdenum alloy electron microprobe standard, NIST SRM 480	NIST480

Selected Certified Reference Materials

IRMM Standards

* Name	Catalog Number
Tungsten (W) standard solution, NIST SRM 3163	NIST3163
Two-dimensional grid photomask standard, NIST SRM 5001	NIST5001
Typical diet, NIST® SRM® 1548a	NIST1548A
Ultra fine test dust (UFTD)	NISTRM8632
Ultra high molecular weight polyethylene, NIST RM 8456	NISTRM8456
Ultra high molecular weight polyethylene, 0.5 cm cubes, NIST RM 8457	NISTRM8457
Ultraviolet-visible-near infrared wavelength/wavenumber transmission standard, NIST SRM 2035a	NIST2035A
Unalloyed copper, NIST® SRM® 457, Cu IV (solid)	NIST457
Unalloyed copper, NIST® SRM® 495, Cu II (solid)	NIST495
Unalloyed copper, NIST® SRM® 498, Cu V (solid)	NIST498
Unalloyed copper, NIST SRM 399, Cu VI (chips)	NIST399
Unalloyed copper, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1034	NIST1034
Unalloyed copper, NIST SRM 400, Cu VII (chips)	NIST400
Unalloyed copper, NIST SRM 454, Cu XI (chips)	NIST454
Unalloyed copper, NIST SRM 494, Cu I (solid)	NIST494
Unalloyed copper, NIST SRM 499, Cu VI (solid)	NIST499
Unalloyed copper, NIST SRM 500, Cu VII	NIST500
Unpigmented polyethylene gas pipe resin, NIST® SRM® 1496	NIST1496
Urban dust, NIST® SRM® 1649b	NIST1649B
Urban particulate matter, NIST® SRM® 1648a	NIST1648A
Urea, NIST® SRM® 912a, clinical standard	NIST912A
Urea, NIST® SRM® 2141	NIST2141
Urea, NIST SRM 2152, combustion calorimetric standard	NIST2152
Uric acid, NIST® SRM® 913b	NIST913B
Used auto catalyst (Monolith), NIST® SRM® 2557	NIST2557
USGS24 graphite (carbon isotopes in graphite), NIST® RM 8541	NISTRM8541
USGS25 (nitrogen isotopes in ammonium sulfate), NIST RM 8550	NISTRM8550
USGS26 (nitrogen isotopes in ammonium sulfate), NIST RM 8551	NISTRM8551
USGS32 (nitrogen and oxygen isotopes in nitrate), NIST RM 8558	NISTRM8558
Valve steel, NIST® SRM® 346a	NIST346A
Vanadium in crude oil, NIST® RM 8505	NISTRM8505
Vanadium (V) standard solution, NIST® SRM® 3165	NIST3165
Vickers hardness of ceramics and hardmetals, NIST SRM 2831	NIST2831
Vickers microhardness of copper, NIST SRM 1894a	NIST1894A
Vickers microhardness of nickel, NIST SRM 1896b	NIST1896B
Vickers microhardness of nickel, NIST SRM 1908	NIST1908
Vickers microhardness of nickel, NIST SRM 1909	NIST1909
Vickers microhardness of nickel, NIST SRM 2798a	NIST2798A
Vickers microhardness of steel, NIST SRM 2829	NIST2829
Vitamin B6 in frozen human serum, NIST® SRM® 3950	NIST3950
Vitamin D metabolites in frozen human serum, NIST® SRM® 972a	NIST972A
Waspaloy, NIST SRM 349a	NIST349A
Water saturated 1-octanol, NIST® SRM® 2890	NIST2890
Wavelength calibration reference for 1560 nm to 1595 nm, NIST SRM 2514	NIST2514
Wavelength calibration reference for 1595 nm to 1630 nm, NIST SRM 2515	NIST2515
Wear-metals in lubricating oil, NIST<REFERENCE ID="8840" TYPE="trademark"/> SRM<REFERENCE ID="8839" TYPE="trademark"/> 1083	NIST1083
Wheat flour, NIST® SRM® 1567b	NIST1567B

* Name	Catalog Number
Wheat hardness, NIST RM 8441a	NISTRM8441A
Wheat straw whole biomass feedstock, NIST® RM 8494	NISTRM8494
White cast iron, NIST® SRM® 338, (carbon & sulfur)	NIST338
White cast iron, NIST® SRM® C1137a	NISTC1137A
White cast iron, NIST SRM C1145a	NISTC1145A
Whole egg powder, NIST SRM 1845a	NIST1845A
Whole milk powder, NIST® SRM® 1549a	NIST1549A
Yeast protein extract, NIST®RM 8323	NISTRM8323
Yttrium (Y) standard solution, NIST® SRM® 3167a	NIST3167A
Zeolite Y, NIST® RM 8850	NISTRM8850
Zinc-aluminum alloy, NIST® SRM® 1738	NIST1738
Zinc-aluminum alloy, NIST® SRM® 1739	NIST1739
Zinc-aluminum alloy, NIST SRM 1740	NIST1740
Zinc-aluminum alloy, NIST® SRM® 1742	NIST1742
Zinc-aluminum alloy, NIST SRM 1741	NIST1741
Zinc-aluminum alloy, NIST SRM 2139	NIST2139
Zinc-base A, NIST® SRM® 625	NIST625
Zinc-base C, NIST® SRM® 627	NIST627
Zinc-base F, NIST® SRM® 630	NIST630
Zinc-base E, ASTM AC 41A, NIST® SRM® 629	NIST629
Zinc-base die casting alloy, NIST® SRM® 94c	NIST94C
Zinc freezing point standard 419.527 °C, NIST SRM	NIST740A
Zinc metal, NIST SRM 683	NIST683
Zinc (Zn) standard solution, NIST® SRM® 3168a	NIST3168A
Zirconia thermal spray powder, NIST® SRM® 1982, particle size distribution	NIST1982
Zirconium (Sn-Fe-Cr) alloy, NIST® SRM® 360b	NIST360B
Zirconium (Zr) standard solution, NIST® SRM® 3169	NIST3169

Occupational Hygiene

* Name	Catalog Number
Acetaldehyde-2,4-dinitrophenylhydrazone, BCR® certified Reference Material	BCR547-10MG
Acetone-2,4-dinitrophenylhydrazone, BCR® certified Reference Material	BCR549-10MG
Acrolein-2,4-dinitrophenylhydrazone, BCR® certified Reference Material	BCR548-10MG
Asbestos fibres in lung tissue (high content of amosite + crocidolite), BCR® certified Reference Material	BCR665-100MG
Asbestos fibres in lung tissue (low content of amosite + crocidolite), BCR® certified Reference Material	BCR666-100MG
Chlorinated hydrocarbons on Tenax® (CHC), BCR® certified Reference Material	BCR555-1EA
2,4-Dinitrophenylhydrazones, solutions, set, BCR® certified Reference Material	BCR5512-1EA
Formaldehyde-2,4-dinitrophenylhydrazone, BCR® certified Reference Material	BCR546-10MG
Formaldehyde 2,4-dinitrophenylhydrazone on filter, set, BCR® certified Reference Material	BCR5534-1EA
Glutaraldehyde 2,4-dinitrophenylhydrazone, BCR® certified Reference Material	BCR550-10MG
Welding dust loaded on filter [Cr(VI), Cr], BCR® certified Reference Material	BCR545-1EA

3: Analytical Applications & Standards

Selected Certified Reference Materials

Organic CRMs

Organic CRMs

* Name	Catalog Number
Acetophenone, TraceCERT [®] , certified reference material	63634-50MG
Adipic acid, certified reference material, TraceCERT [®]	89143-100MG
L-Alanine, certified reference material, TraceCERT [®]	44526-100MG
Amino Acids Mix Solution, certified reference material, TraceCERT [®]	79248-5X2ML
γ-Aminobutyric acid, certified reference material, TraceCERT [®]	43811-50MG
AMOZ, certified reference material, TraceCERT [®]	93485-50MG
L-Arginine monohydrochloride, certified reference material, TraceCERT [®]	90538-100MG
L-Ascorbic acid, certified reference material, TraceCERT [®]	57803-100MG
L-Asparagine, certified reference material, TraceCERT [®]	51363-100MG
L-Aspartic acid, certified reference material, TraceCERT [®]	51572-100MG
Atrazine, certified reference material, TraceCERT [®]	90935-50MG
Benz[a]anthracene, certified reference material, TraceCERT [®]	75451-50MG
Benzo[b]fluoranthene, certified reference material, TraceCERT [®]	30958-50MG
Benzo[ghi]perylene, certified reference material, TraceCERT [®]	55488-10MG
Benzo[a]pyrene, certified reference material, TraceCERT [®]	51968-50MG
Benzyl alcohol, certified reference material, TraceCERT [®]	39971-100MG
Benzyl benzoate, certified reference material, TraceCERT [®]	55177-1G
Benzyl butyl phthalate, certified reference material, TraceCERT [®]	42438-50MG
Betaine, certified reference material, TraceCERT [®]	30056-50MG
Biotin, certified reference material, TraceCERT [®]	91827-50MG
Biphenyl, certified reference material, TraceCERT [®]	96996-100MG
Bis(2-ethylhexyl) phthalate, certified reference material, TraceCERT [®]	67261-100MG
Bis(7-methyloctyl) phthalate, analytical standard	49568-50MG
Bisphenol A, certified reference material, TraceCERT [®]	42088-100MG
Butylated hydroxyanisole, certified reference material, TraceCERT [®]	49886-50MG
Butyraldehyde-2,4-DNPH, certified reference material, TraceCERT [®]	69630-50MG
<i>trans</i> -Caffeic acid, certified reference material, TraceCERT [®]	51868-50MG
Caffeine, certified reference material, TraceCERT [®]	56396-100MG
Carbendazim, certified reference material, TraceCERT [®]	79888-50MG
(+)-Carvone, certified reference material, TraceCERT [®]	79245-100MG
Chloramphenicol, certified reference material, TraceCERT [®]	75565-50MG
Chlorpyrifos, certified reference material, TraceCERT [®]	94114-100MG
Chrysene, certified reference material, TraceCERT [®]	94035-50MG
Citric acid, certified reference material, TraceCERT [®]	94676-100MG
Coumarin, certified reference material, TraceCERT [®]	72609-100MG
λ-Cyhalothrin, certified reference material, TraceCERT [®]	72765-50MG
p-Cymene, certified reference material, TraceCERT [®]	49679-100MG
Cypermethrin, certified reference material, TraceCERT [®]	51991-50MG
L-Cysteine, certified reference material, TraceCERT [®]	95437-100MG
L-Cystine, certified reference material, TraceCERT [®]	49603-100MG
2,4-D, certified reference material, TraceCERT [®]	76514-100MG

* Name	Catalog Number
4,4'-Diaminodiphenylmethane, certified reference material, TraceCERT [®]	18139-50MG
Diazinon, certified reference material, TraceCERT [®]	68486-50MG
Dibenz[a,h]anthracene, certified reference material, TraceCERT [®]	91861-10MG
Dibutyl phthalate, certified reference material, TraceCERT [®]	18281-50MG
Dibutyl sulfide, certified reference material, TraceCERT [®]	76693-100MG
Diisobutyl phthalate, certified reference material, TraceCERT [®]	43540-100MG
Diisopropyl phthalate, TraceCERT [®] , certified reference material	91009-50MG
Dimethyl fumarate, certified reference material, TraceCERT [®]	50744-100MG
Dimethyl isophthalate, TraceCERT [®] , certified reference material	14181-50MG
Dimethylmalonic acid, Standard for quantitative NMR, TraceCERT [®]	89151-1G
Dimethyl sulfone, Standard for quantitative NMR, TraceCERT [®]	41867-1G
2,4-Dinitrotoluene, certified reference material, TraceCERT [®]	18191-100MG
Di-n-octyl phthalate, certified reference material, TraceCERT [®]	88173-50MG
Dipentyl phthalate, certified reference material, TraceCERT [®]	59832-50MG
Diuron, certified reference material, TraceCERT [®]	16902-50MG
Dodecane, certified reference material, TraceCERT [®]	92064-100MG
2-Ethylanthraquinone, certified reference material, TraceCERT [®]	56884-100MG 56884-10G
Ethyl benzenesulfonate, certified reference material, TraceCERT [®]	13295-120MG
Ethyl 4-(dimethylamino)benzoate, Standard for quantitative NMR, TraceCERT [®]	42582-1G
Ethyl ethanesulfonate, certified reference material, TraceCERT [®]	30934-120MG
Ethyl methanesulfonate, certified reference material, TraceCERT [®]	72945-120MG
Ethyl p-toluenesulfonate, certified reference material, TraceCERT [®]	68383-120MG
Eucalyptol, certified reference material, TraceCERT [®]	95656-100MG
Eugenol, certified reference material, TraceCERT [®]	79891-100MG
<i>trans</i> -Ferulic acid, certified reference material, TraceCERT [®]	52229-50MG
Fipronil, certified reference material, TraceCERT [®]	16785-50MG
Fluoranthene, certified reference material, TraceCERT [®]	11474-100MG
Fluorene, certified reference material, TraceCERT [®]	56849-100MG
Formaldehyde-2,4-DNPH, certified reference material, TraceCERT [®]	56677-50MG
Fumaric acid, certified reference material, TraceCERT [®]	76635-100MG
Gallic acid, certified reference material, TraceCERT [®]	91215-100MG
D-Gluconic acid sodium salt, certified reference material, TraceCERT [®]	64188-100MG
Glufosinate-ammonium, certified reference material, TraceCERT [®]	49677-100MG
L-Glutamic acid, certified reference material, TraceCERT [®]	95436-100MG
L-Glutamine, certified reference material, TraceCERT [®]	76523-100MG
Glutaric acid, certified reference material, TraceCERT [®]	89147-100MG
Glycine, certified reference material, TraceCERT [®]	76524-100MG
Glycolic acid, certified reference material, TraceCERT [®]	94815-100MG
Glyphosate, certified reference material, TraceCERT [®]	89432-100MG
L-Histidine, certified reference material, TraceCERT [®]	73767-100MG
Hydroquinone, certified reference material, TraceCERT [®]	74347-100MG

Selected Certified Reference Materials

Organic CRMs

* Name	Catalog Number
Indeno[1,2,3-cd]pyrene, certified reference material, TraceCERT®	94377-10MG
Isobutyric acid, certified reference material, TraceCERT®	96499-100MG
L-Isoleucine, certified reference material, TraceCERT®	56241-100MG
Isoniazid, certified reference material, TraceCERT®	75182-50MG
L-Leucine, certified reference material, TraceCERT®	76526-100MG
Leucomalachite Green, certified reference material, TraceCERT®	78567-100MG 78567-25MG
Linalool, certified reference material, TraceCERT®	61706-50MG
L-Lysine monohydrochloride, certified reference material, TraceCERT®	67448-100MG
Magnesium L-lactate hydrate, certified reference material, TraceCERT®	40394-100MG
Malathion, certified reference material, TraceCERT®	91481-50MG
Maleic acid, Standard for quantitative NMR, TraceCERT®	92816-1G
Malonic acid, certified reference material, TraceCERT®	68714-100MG
Mesitylene, certified reference material, TraceCERT®	61927-100MG
L-Methionine, certified reference material, TraceCERT®	39496-100MG
L-Methionine sulfoximine, certified reference material, TraceCERT®	91016-100MG
3-(4-Methylbenzylidene)camphor, certified reference material, TraceCERT®	61547-50MG
Methyl butyrate, certified reference material, TraceCERT®	53706-100MG
Methyl 3,5-dinitrobenzoate, Standard for quantitative NMR, TraceCERT®	94681-1G
Methyl ethanesulfonate, certified reference material, TraceCERT®	50490-120MG
Methyl heptadecanoate, certified reference material, TraceCERT®	90606-100MG
Methyl hexanoate, certified reference material, TraceCERT®	94776-50MG
Methyl methanesulfonate, certified reference material, TraceCERT®	78697-120MG
Methyl myristate, certified reference material, TraceCERT®	55791-100MG
1-Methylnaphthalene, TraceCERT®, certified reference material	38383-100MG
Methyl stearate, certified reference material, TraceCERT®	75533-100MG
Metronidazole, certified reference material, TraceCERT®	16677-50MG
Michler's ketone, certified reference material, TraceCERT®	56614-100MG
Naphthalene, certified reference material, TraceCERT®	91489-100MG
1-Naphthol, certified reference material, TraceCERT®	80025-100MG
Palmitic acid, certified reference material, TraceCERT®	43051-100MG
Pentachlorobenzene, certified reference material, TraceCERT®	41231-100MG
Phenanthrene, certified reference material, TraceCERT®	73338-100MG
L-Phenylalanine, certified reference material, TraceCERT®	40541-100MG
Phenylbutazone, TraceCERT®, certified reference material	80184-100MG
2-Phenylethylamine hydrochloride, certified reference material, TraceCERT®	42681-50MG
Phosphonoacetic acid, TraceCERT®, ³¹ P-qNMR Standard	96708-1G
Potassium phthalate monobasic, Standard for quantitative NMR, TraceCERT®	14659-1G
Potassium sorbate, certified reference material, TraceCERT®	40430-100MG
Prochloraz, certified reference material, TraceCERT®	64947-50MG

* Name	Catalog Number
L-Proline, certified reference material, TraceCERT®	93693-100MG
Pyrene, certified reference material, TraceCERT®	18868-100MG
Pyrocatechol, certified reference material, TraceCERT®	50550-100MG
Quinine, certified reference material, TraceCERT®	69311-50MG
Resorcinol, certified reference material, TraceCERT®	53363-100MG
Resveratrol, certified reference material, TraceCERT®	76511-100MG
Salicylic acid, certified reference material, TraceCERT®	52341-50MG
L-Serine, certified reference material, TraceCERT®	54763-100MG
Sodium propionate, certified reference material, TraceCERT®	49894-100MG
Stearic acid, certified reference material, TraceCERT®	76137-100MG
Succinic acid, certified reference material, TraceCERT®	49893-100MG
Sulfamethoxazole, certified reference material, TraceCERT®	76177-100MG
L-(+)-Tartaric acid, certified reference material, TraceCERT®	41447-100MG
1,2,4,5-Tetrachloro-3-nitrobenzene, Standard for quantitative NMR, TraceCERT®	40384-1G
1,2,4,5-Tetramethylbenzene, Standard for quantitative NMR, TraceCERT®	74658-1G
Thiabendazole, certified reference material, TraceCERT®	67554-50MG
L-Threonine, certified reference material, TraceCERT®	61506-100MG
2,4,6-Tribromophenol, certified reference material, TraceCERT®	80026-100MG
2,4,6-Triiodophenol, certified reference material, TraceCERT®	19566-100MG
2,3,4-Trimethoxybenzaldehyde, certified reference material, TraceCERT®	68325-100MG
2,4,6-Trimethylphenol, certified reference material, TraceCERT®	53766-100MG
Tris(2-chloroethyl) phosphate, certified reference material, TraceCERT®	96382-100MG
L-Tryptophan, certified reference material, TraceCERT®	51145-100MG
L-Tyrosine, certified reference material, TraceCERT®	91515-100MG
Vanillic acid, certified reference material, TraceCERT®	68654-50MG
Vanillin, TraceCERT®, certified reference material	30304-50MG

Other Certified Standards

* Name	Catalog Number
BSTFA (with 1% TMCS), kit of 10 × 1 mL, analytical standard	B-023-10X1ML
Human serum (anti-MPO IgG), ERM® certified Reference Material	ERMDA476IFCC-1EA
MSTFA Reagent, ampule of 10 × 1.2 mL, analytical standard	M-132-10X1.2ML
MTBSTFA (with 1% t-BDMCS), (with 1% t-BDMCS), ampule of 5 × 1 mL, analytical standard	M-108-5X1ML
Organochlorine pesticides (OCP) in soil, ERM® certified Reference Material	ERMCC007A-1EA
Rose gold (alloying elements), ERM® certified Reference Material	ERMEB506-1EA
Trace elements and pentachlorophenol (PCP) in wood, ERM® certified Reference Material	ERMCD100-1EA
Trace elements in contaminated river sediment, ERM® certified Reference Material	ERMCC020-1EA
Trace elements in contaminated sandy soil, ERM® certified Reference Material	ERMCC018-1EA
White gold (alloying elements), ERM® certified Reference Material	ERMEB507-1EA

3: Analytical Applications & Standards

Selected Certified Reference Materials

Petrochemical Standards

Petrochemical Standards

* Name	Catalog Number
ASTM D6584 Individual Stock and Internal Standards Mix Kit, certified reference material	CRM44898
Hydrocarbon Test Mix, certified reference material, 2 % (w/w) each component in isooctane	CRM40888
ASTM® D6584 1,2,4-Butanetriol Solution, certified reference material, 1000 µg/mL in pyridine, ampule of 5 mL	CRM44896
ASTM® D6584 1,3-Diolein solution, certified reference material, 5000 µg/mL in pyridine	CRM44894
ASTM® D6584 Glycerin solution, certified reference material, 500 µg/mL in pyridine	CRM44892
ASTM® D6584 Monoolein solution, certified reference material, 5000 µg/mL in pyridine	CRM44893
ASTM® D6584 Standard solution 1, certified reference material, in pyridine (varied conc.)	CRM44899
ASTM® D6584 Standard Solution 2, certified reference material, in pyridine (varied), ampule of 1 mL	CRM44914 CRM44917
ASTM® D6584 Standard Solution 3, certified reference material, in pyridine (varied), ampule of 1 mL	CRM44915
ASTM® D6584 Standard Solution 4, certified reference material, in pyridine (varied conc.)	CRM44916
ASTM® D6584 Standard Solution 5, certified reference material, in pyridine (varied)	CRM44917
ASTM® D6584 Standard Solution Kit, with Internal Standards, certified reference material	CRM44918
ASTM® D6584 Tricaprin Solution, certified reference material, 8000 µg/mL in pyridine	CRM44897
ASTM® D6584 Triolein solution, certified reference material, 5000 µg/mL in pyridine, ampule of 1 × 2 mL	CRM44895

Pharmaceuticals

Primary

* Name	Catalog Number
✓ Abacavir sulfate, United States Pharmacopeia (USP) Reference Standard	1000408-200MG
Abacavir sulfate, European Pharmacopoeia (EP) Reference Standard	Y0001561
Abacavir for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001552
Abacavir for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001551
✓ Abacavir Related Compound A, United States Pharmacopeia (USP) Reference Standard	1000420-20MG
✓ Abacavir Related Compound B, United States Pharmacopeia (USP) Reference Standard	1000441-20MG
✓ Abacavir Related Compound C, United States Pharmacopeia (USP) Reference Standard	1000452-20MG
✓ Abacavir Related Compound D, United States Pharmacopeia (USP) Reference Standard	1000437-20MG
✓ Abacavir Related Compounds Mixture, United States Pharmacopeia (USP) Reference Standard	1000485-15MG
✓ Abacavir Stereoisomers Mixture, United States Pharmacopeia (USP) Reference Standard	1000496-15MG
✓ Abacavir sulfate racemic, United States Pharmacopeia (USP) Reference Standard	1000419-20MG
✓ Abacavir System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1000500-15MG
✓ Abiraterone acetate, United States Pharmacopeia (USP) Reference Standard	1000818-200MG
✓ Abiraterone System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1000829-20MG
✓ Acamprosate calcium, United States Pharmacopeia (USP) Reference Standard, monograph mol wt. 400.48 (C ₁₀ H ₂₀ CaN ₂ O ₆ S ₂)	1000554-200MG

* Name	Catalog Number
Acamprosate calcium - reference spectrum, European Pharmacopoeia (EP)	Y0000055
Acamprosate impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000116
✓ Acamprosate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1000565-15MG
Acarbose, European Pharmacopoeia (EP) Reference Standard	Y0000500
✓ Acarbose, United States Pharmacopeia (USP) Reference Standard	1000521-200MG
Acarbose for identification, European Pharmacopoeia (EP) Reference Standard	Y0000354
Acarbose for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000427
✓ Acarbose System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1000532-2MG
✓ Acebutolol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1000601-125MG
Acebutolol hydrochloride, European Pharmacopoeia (EP) Reference Standard	A0040000
Acebutolol impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000359
Acebutolol impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000127
Acebutolol impurity I, European Pharmacopoeia (EP) Reference Standard	Y0000128
✓ Acebutolol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1000612-20MG
✓ Acebutolol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1000623-20MG
✓ Acebutolol Related Compound I, United States Pharmacopeia (USP) Reference Standard	1000699-20MG
Aceclofenac for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001094
Aceclofenac impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000085
Aceclofenac impurity H, European Pharmacopoeia (EP) Reference Standard	Y0000086
Aceclofenac - reference spectrum, European Pharmacopoeia (EP)	Y0000056
Acemetacin, European Pharmacopoeia (EP) Reference Standard	Y0000810
Acemetacin impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0000842
Acemetacin impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000811
✓ Acenocoumarol, United States Pharmacopeia (USP) Reference Standard	1001003-200MG
✓ Acepromazine maleate, United States Pharmacopeia (USP) Reference Standard	1001502-250MG
✓ Acesulfame potassium, United States Pharmacopeia (USP) Reference Standard	1002505-200MG
Acesulfame potassium, European Pharmacopoeia (EP) Reference Standard	A0070000
Acesulfame potassium impurity B, European Pharmacopoeia (EP) Reference Standard	A0070020
✓ Acetaminophen, United States Pharmacopeia (USP) Reference Standard	1003009-400MG
✓ Acetaminophen Related Compound A, United States Pharmacopeia (USP) Reference Standard	1003010-15MG
✓ Acetaminophen Related Compound B, United States Pharmacopeia (USP) Reference Standard	1003027-30MG
✓ Acetaminophen Related Compound C, United States Pharmacopeia (USP) Reference Standard	1003031-50MG
✓ Acetaminophen Related Compound D, United States Pharmacopeia (USP) Reference Standard	1003042-50MG
✓ Acetaminophen Related Compound F, United States Pharmacopeia (USP) Reference Standard	1003064-50MG
✓ Acetaminophen Related Compound J, United States Pharmacopeia (USP) Reference Standard	1003100-50MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Acetanilide Melting Point Standard, United States Pharmacopeia (USP) Reference Standard	1004001-1G
✓ Acetazolamide, United States Pharmacopeia (USP) Reference Standard	1005004-2G
Acetazolamide, European Pharmacopoeia (EP) Reference Standard	A0100000
Acetazolamide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001084
✓ Acetazolamide Related Compound D, United States Pharmacopeia (USP) Reference Standard	1005048-25MG
✓ Acetazolamide Related Compound E, United States Pharmacopeia (USP) Reference Standard	1005059-25MG
✓ Acetohexamide, United States Pharmacopeia (USP) Reference Standard	1006007-250MG
✓ Acetohydroxamic acid, United States Pharmacopeia (USP) Reference Standard	1006506-200MG
✓ Acetone, United States Pharmacopeia (USP) Reference Standard	1006801-3AMP
✓ Acetylcholine chloride, United States Pharmacopeia (USP) Reference Standard	1008501-200MG
Acetylcholine chloride, European Pharmacopoeia (EP) Reference Standard	Y0000002
<i>N</i> -Acetyl-cys1-calcitonin, European Pharmacopoeia (EP) Reference Standard	C0200010
✓ Acetylcysteine, United States Pharmacopeia (USP) Reference Standard	1009005-200MG
Acetylcysteine, European Pharmacopoeia (EP) Reference Standard	A0150000
Acetylcysteine impurity C, European Pharmacopoeia (EP) Reference Standard	A0152000
Acetylcysteine impurity D, European Pharmacopoeia (EP) Reference Standard	A0153000
β-Acetyldigoxin, European Pharmacopoeia (EP) Reference Standard	Y0000565
β-Acetyldigoxin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000642
✓ <i>N</i> -Acetylglucosamine, United States Pharmacopeia (USP) Reference Standard	1010022-200MG
✓ 3-Acetyl-11-keto-β-boswellic acid, United States Pharmacopeia (USP) Reference Standard	1076261-20MG
✓ <i>N</i> -Acetyl-D,L-Methionine, United States Pharmacopeia (USP) Reference Standard	1009978-100MG
✓ <i>N</i> -Acetylneuraminic acid, United States Pharmacopeia (USP) Reference Standard	1612619-200MG
✓ 2-Acetylpyridine, United States Pharmacopeia (USP) Reference Standard	1009479-1G
Acetylsalicylic acid, European Pharmacopoeia (EP) Reference Standard	A0200000
Acetylsalicylic acid for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001460
✓ Acetyl simvastatin, United States Pharmacopeia (USP) Reference Standard	1010208-30MG
Acetylsulfadiazine, European Pharmacopoeia (EP) Reference Standard	Y0001462
✓ Acetyltributyl citrate, United States Pharmacopeia (USP) Reference Standard	1009901-500MG
✓ Acetyltriethyl citrate, United States Pharmacopeia (USP) Reference Standard	1009923-500MG
<i>N</i> -Acetyltryptophan, European Pharmacopoeia (EP) Reference Standard	A0208000
<i>N</i> -Acetyltyrosine, European Pharmacopoeia (EP) Reference Standard	A0202000
✓ <i>N</i> -Acetyl-L-tyrosine, United States Pharmacopeia (USP) Reference Standard	1010106-100MG
Aciclovir, European Pharmacopoeia (EP) Reference Standard	A0220000
Aciclovir for peak identification 1, European Pharmacopoeia (EP) Reference Standard	Y0001271
Aciclovir for peak identification 2, European Pharmacopoeia (EP) Reference Standard	Y0001269

* Name	Catalog Number
Aciclovir for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001264
✓ Acitretin, United States Pharmacopeia (USP) Reference Standard	1011007-200MG
Acitretin, European Pharmacopoeia (EP) Reference Standard	A0225000
✓ Acitretin Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1011018-20MG
✓ Acitretin Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1011029-20MG
Actaea racemosa dry extract for system suitability HRS, European Pharmacopoeia (EP) Reference Standard	Y0001464
Actaea racemosa for assay CRS, European Pharmacopoeia (EP) Reference Standard	Y0001543
Actaea racemosa HRS, European Pharmacopoeia (EP) Reference Standard	Y0001463
✓ Actein, United States Pharmacopeia (USP) Reference Standard	1012032-20MG
✓ Acyclovir, United States Pharmacopeia (USP) Reference Standard	1012065-300MG
✓ Acyclovir Related Compound A, United States Pharmacopeia (USP) Reference Standard	1012076-50MG
✓ Acyclovir Related Compound F, United States Pharmacopeia (USP) Reference Standard	1012054-50MG
✓ Acyclovir Related Compound G, United States Pharmacopeia (USP) Reference Standard	1012087-50MG
✓ Adapalene, United States Pharmacopeia (USP) Reference Standard	1011709-200MG
Adapalene, European Pharmacopoeia (EP) Reference Standard	Y0001121
Adapalene for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001119
Adapalene impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001120
✓ Adapalene Related Compound A, United States Pharmacopeia (USP) Reference Standard	1011710-50MG
✓ Adapalene Related Compound B, United States Pharmacopeia (USP) Reference Standard	1011721-50MG
✓ Adapalene Related Compound C, United States Pharmacopeia (USP) Reference Standard	1011732-25MG
✓ Adapalene Related Compound D, United States Pharmacopeia (USP) Reference Standard	1011743-25MG
✓ Adapalene Related Compound E, United States Pharmacopeia (USP) Reference Standard	1011754-25MG
✓ Ademetionine disulfate tosylate, United States Pharmacopeia (USP) Reference Standard	1012134-500MG
✓ Adenine, United States Pharmacopeia (USP) Reference Standard	1012101-200MG
Adenine, European Pharmacopoeia (EP) Reference Standard	A0230000
✓ Adenosine, United States Pharmacopeia (USP) Reference Standard	1012123-200MG
Adenosine, European Pharmacopoeia (EP) Reference Standard	A0230200
✓ <i>S</i> -Adenosyl-L-homocysteine, United States Pharmacopoeia (USP) Reference Standard	1012112-50MG
✓ 5'-Adenylic acid, United States Pharmacopeia (USP) Reference Standard	1012178-500MG
Adipic acid, European Pharmacopoeia (EP) Reference Standard	Y0000110
✓ Adipic acid, United States Pharmacopeia (USP) Reference Standard	1012190-100MG
Adrenaline, European Pharmacopoeia (EP) Reference Standard	Y0000882
Adrenaline impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0000740
Adrenaline tartrate, European Pharmacopoeia (EP) Reference Standard	A0300000
Adrenaline tartrate with impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000707

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Adrenaline with impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000883
✓ Adrenalone hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1011878-25MG
✓ Aflatoxins, United States Pharmacopoeia (USP) Reference Standard	1012156-1ML
✓ Agar, United States Pharmacopoeia (USP) Reference Standard	1012214-500MG
✓ Agigenin, United States Pharmacopoeia (USP) Reference Standard	1012145-25MG
Agnus castus fruit dry extract, European Pharmacopoeia (EP) Reference Standard	Y0001724
✓ Agnuside, United States Pharmacopoeia (USP) Reference Standard	1012203-25MG
Alanine, European Pharmacopoeia (EP) Reference Standard	A0325000
✓ L-Alanine, United States Pharmacopoeia (USP) Reference Standard	1012509-200MG
✓ L-Alanyl-L-alanine, United States Pharmacopoeia (USP) Reference Standard	1012531-200MG
✓ L-Alanyl-L-glutamine, United States Pharmacopoeia (USP) Reference Standard	1012517-200MG
✓ Albendazole, United States Pharmacopoeia (USP) Reference Standard	1012553-200MG
Albendazole, European Pharmacopoeia (EP) Reference Standard	A0325100
✓ Albuterol, United States Pharmacopoeia (USP) Reference Standard	1012600-200MG
✓ Albuterol Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1012644-25MG
✓ Albuterol Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1012655-10MG
✓ Albuterol Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1012689-10MG
✓ Albuterol sulfate, United States Pharmacopoeia (USP) Reference Standard	1012633-200MG
✓ Alclometasone dipropionate, United States Pharmacopoeia (USP) Reference Standard	1012757-300MG
✓ Alclometasone dipropionate Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1012746-20MG
✓ Alcohol, United States Pharmacopoeia (USP) Reference Standard	1012768-5X1.2ML
✓ Alcohol Determination - Acetonitrile, United States Pharmacopoeia (USP) Reference Standard	1012699-5X5ML
✓ Alcohol Determination-Alcohol, United States Pharmacopoeia (USP) Reference Standard	1012688-5X5ML
Alcuronium chloride, European Pharmacopoeia (EP) Reference Standard	A0325200
✓ Alendronate sodium, United States Pharmacopoeia (USP) Reference Standard	1012780-200MG
✓ Aleuritic acid, United States Pharmacopoeia (USP) Reference Standard	1012799-50MG
Alfacalcidol, European Pharmacopoeia (EP) Reference Standard	A0325450
Alfacalcidol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001601
Alfacalcidol - reference spectrum, European Pharmacopoeia (EP)	A0325451
Alfadex, European Pharmacopoeia (EP) Reference Standard	A1225000
✓ Alfentanil hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1012906-500MG
Alfentanil hydrochloride - reference spectrum, European Pharmacopoeia (EP)	A0325500
✓ Alfuzosin hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1012917-150MG
Alfuzosin hydrochloride, European Pharmacopoeia (EP) Reference Standard	A0325800
Alfuzosin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000832

* Name	Catalog Number
✓ Alfuzosin System Suitability Mixture, United States Pharmacopoeia (USP) Reference Standard	1012928-15MG
✓ Alfuzosin System Suitability Mixture A, United States Pharmacopoeia (USP) Reference Standard	1012871-25MG
Alimemazine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001581
Alimemazine hemitartrate, European Pharmacopoeia (EP) Reference Standard	Y0001583
✓ Alitame, United States Pharmacopoeia (USP) Reference Standard	1012848-250MG
✓ Alitame - Alanine Amide Impurity, United States Pharmacopoeia (USP) Reference Standard	1012859-25MG
All-rac-alpha-tocopheryl acetate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000384
Allantoin, European Pharmacopoeia (EP) Reference Standard	A0349000
✓ Allantoin, United States Pharmacopoeia (USP) Reference Standard	1012939-200MG
✓ Alliin, United States Pharmacopoeia (USP) Reference Standard	1012950-25MG
Allopurinol, European Pharmacopoeia (EP) Reference Standard	A0350000
✓ Allopurinol, United States Pharmacopoeia (USP) Reference Standard	1013002-250MG
Allopurinol impurity A, European Pharmacopoeia (EP) Reference Standard	A0350010
Allopurinol impurity B, European Pharmacopoeia (EP) Reference Standard	A0350020
Allopurinol impurity C, European Pharmacopoeia (EP) Reference Standard	A0350030
Allopurinol impurity D, European Pharmacopoeia (EP) Reference Standard	A0350040-10MG A0350040
Allopurinol impurity E, European Pharmacopoeia (EP) Reference Standard	A0350050
✓ Allopurinol Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1013024-25MG
✓ Allopurinol Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1013013-25MG
✓ Allopurinol Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1013035-25MG
✓ Allopurinol Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1013046-35MG
✓ Allopurinol Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1013068-25MG
✓ Allopurinol Related Compound F, United States Pharmacopoeia (USP) Reference Standard	1013079-25MG
All-rac- α -tocopherol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000383
✓ Allyl anthranilate, United States Pharmacopoeia (USP) Reference Standard	1039152-5X0.5ML
✓ Allyl butyrate, United States Pharmacopoeia (USP) Reference Standard	1084215-5X0.5ML
✓ Allyl cinnamate, United States Pharmacopoeia (USP) Reference Standard	1133999-5X0.5ML
✓ Allyl cyclohexane valerate, United States Pharmacopoeia (USP) Reference Standard	1154650-3X0.5ML
✓ S-Allyl-L-cysteine, United States Pharmacopoeia (USP) Reference Standard	1013057-25MG
✓ Allyl disulfide, United States Pharmacopoeia (USP) Reference Standard	1223209-5X0.5ML
Allylstrychnine bromide, European Pharmacopoeia (EP) Reference Standard	A0351000
✓ Allyl sulfide, United States Pharmacopoeia (USP) Reference Standard	1636800-5X0.5ML
Almagate, European Pharmacopoeia (EP) Reference Standard	Y0000235
Almagate - reference spectrum, European Pharmacopoeia (EP)	Y0000255
✓ Almond oil, United States Pharmacopoeia (USP) Reference Standard	1013206-1G

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Almotriptan malate, United States Pharmacopeia (USP) Reference Standard	1013512-200MG
✓ Almotriptan Related Compound A, United States Pharmacopeia (USP) Reference Standard	1013523-20MG
✓ Almotriptan Related Compound C, United States Pharmacopeia (USP) Reference Standard	1013556-15MG
✓ Almotriptan Related Compound D, United States Pharmacopeia (USP) Reference Standard	1013567-15MG
✓ Almotriptan System Suitability, United States Pharmacopeia (USP) Reference Standard	1013534-20MG
✓ Aloin, United States Pharmacopeia (USP) Reference Standard	1013727-25MG
✓ Alpha Cyclodextrin, United States Pharmacopeia (USP) Reference Standard	1154558-500MG
✓ Alpha-Damascone, United States Pharmacopeia (USP) Reference Standard	1162626-3X0.5ML
✓ Alpha-Lactalbumin, United States Pharmacopeia (USP) Reference Standard	1013909-400MG
✓ Alpha Lipoic Acid, United States Pharmacopeia (USP) Reference Standard	1368201-500MG
✓ Alphaprodine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1014005-250MG
✓ Alpha Tocopherol, United States Pharmacopeia (USP) Reference Standard	1667600-250MG
✓ Alpha Tocopheryl Acetate, United States Pharmacopeia (USP) Reference Standard	1667701-250MG
✓ Alpha tocopheryl acid succinate, United States Pharmacopeia (USP) Reference Standard	1667803-250MG
Alprazolam, European Pharmacopoeia (EP) Reference Standard	A0357000-100MG A0357000
✓ Alprazolam Related Compound A, United States Pharmacopeia (USP) Reference Standard	1015019-30MG
Alprenolol hydrochloride, European Pharmacopoeia (EP) Reference Standard	A0360000
Alprostadil, European Pharmacopoeia (EP) Reference Standard	Y0000054
✓ Alprostadil, United States Pharmacopeia (USP) Reference Standard	1016000-25MG
Altizide, European Pharmacopoeia (EP) Reference Standard	Y0000606
Altizide impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000843
✓ Altretamine, United States Pharmacopeia (USP) Reference Standard	1017105-500MG
✓ Aluminum sulfate, United States Pharmacopeia (USP) Reference Standard	1017364-2G
Alverine citrate salt, European Pharmacopoeia (EP) Reference Standard	Y0000687
Alverine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000595
Alverine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001819
Alverine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000607
✓ Amantadine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1018505-200MG
Amantadine hydrochloride, European Pharmacopoeia (EP) Reference Standard	A0363000
✓ Amantadine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1018516-25MG
✓ Amantadine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1018527-25MG
Ambroxol hydrochloride, European Pharmacopoeia (EP) Reference Standard	A0363700
✓ Amcinonide, United States Pharmacopeia (USP) Reference Standard	1019202-200MG
Amfetamine sulfate - reference spectrum, European Pharmacopoeia (EP)	A0900000
Amidotriazoic acid dihydrate, European Pharmacopoeia (EP) Reference Standard	A0365000

* Name	Catalog Number
Amidotriazoic acid for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001461
✓ Amifostine, United States Pharmacopeia (USP) Reference Standard	1019406-150MG
✓ Amifostine disulfide, United States Pharmacopeia (USP) Reference Standard	1019417-100MG
✓ Amifostine thiol, United States Pharmacopeia (USP) Reference Standard	1019428-50MG
Amikacin, European Pharmacopoeia (EP) Reference Standard	A0368000
✓ Amikacin, United States Pharmacopeia (USP) Reference Standard	1019508-300MG
Amikacin sulfate, European Pharmacopoeia (EP) Reference Standard	A0365900
Amikacin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001117-1EA Y0001117
Amikacin impurity I, European Pharmacopoeia (EP) Reference Standard	Y0001467
✓ Amikacin sulfate, United States Pharmacopeia (USP) Reference Standard	1019494-100MG
✓ Amiloride hydrochloride, United States Pharmacopeia (USP) Reference Standard	1019701-500MG
Amiloride hydrochloride, European Pharmacopoeia (EP) Reference Standard	A0370000
Amiloride impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000020
✓ Amiloride Related Compound A, United States Pharmacopeia (USP) Reference Standard	1019712-30MG
✓ Amiloxate, United States Pharmacopeia (USP) Reference Standard	1347755-750MG
✓ Aminobenzoate potassium, United States Pharmacopeia (USP) Reference Standard	1019756-200MG
✓ Aminobenzoate sodium, United States Pharmacopeia (USP) Reference Standard	1019767-200MG
✓ Aminobenzoic acid, United States Pharmacopeia (USP) Reference Standard	1019803-200MG
4-Aminobenzoic acid, European Pharmacopoeia (EP) Reference Standard	Y0000173
✓ 4-Aminobenzoylglutamic acid, United States Pharmacopeia (USP) Reference Standard	1019870-50MG
✓ Aminobutanol, United States Pharmacopeia (USP) Reference Standard	1020008-500MG
✓ γ -Aminobutyric acid, United States Pharmacopeia (USP) Reference Standard	1020023-50MG
Aminocaproic acid, European Pharmacopoeia (EP) Reference Standard	A0420000
✓ Aminocaproic acid, United States Pharmacopeia (USP) Reference Standard	1021000-200MG
✓ 2-Amino-5-chlorobenzophenone, United States Pharmacopeia (USP) Reference Standard	1022808-25MG
7-Aminodesacetoxycephalosporanic acid, European Pharmacopoeia (EP) Reference Standard	A0460000
Aminoglutethimide, European Pharmacopoeia (EP) Reference Standard	A0496000
✓ Aminoglutethimide, United States Pharmacopeia (USP) Reference Standard	1025205-200MG
✓ <i>m</i> -Aminoglutethimide, United States Pharmacopeia (USP) Reference Standard	1025307-100MG
Aminoglutethimide impurity A, European Pharmacopoeia (EP) Reference Standard	A0496005
Aminoglutethimide impurity D, European Pharmacopoeia (EP) Reference Standard	A0496020
✓ Aminohippuric acid, United States Pharmacopeia (USP) Reference Standard	1025351-200MG
✓ Aminolevulinic acid hydrochloride, United States Pharmacopeia (USP) Reference Standard	1025715-200MG
✓ Aminolevulinic acid Related Compound A, United States Pharmacopeia (USP) Reference Standard	1025726-25MG
✓ Aminolevulinic acid Related Compound B, United States Pharmacopeia (USP) Reference Standard	1025737-25MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Amino methacrylate copolymer, United States Pharmacopeia (USP) Reference Standard	1025602-1.5G
✓ 2-[3-Amino-5-(N-methylacetamido)-2,4,6-triiodoben-zamido]-2-deoxy-D-glucose, United States Pharma-copeia (USP) Reference Standard	1025806-25MG
✓ Aminopentamide sulfate, United States Pharmacopeia (USP) Reference Standard	1025908-200MG
✓ <i>m</i> -Aminophenol, United States Pharmacopeia (USP) Reference Standard	1026004-300MG
✓ 4-Aminophenol, United States Pharmacopeia (USP) Reference Standard	1021204-100MG
✓ <i>N</i> -[(4-Aminophenyl)sulfonyl]- <i>N</i> -(3,4-dimethyl-5-isoxazolyl)acetamide, United States Pharmacopeia (USP) Reference Standard	1639003-200MG
✓ 2-[2-(2-Amino-9 <i>H</i> -purin-9-yl)ethyl]propane-1,3-diol monohydrochloride, United States Pharmacopeia (USP) Reference Standard	1269174-20MG
✓ Aminosalicyclic acid, United States Pharmacopeia (USP) Reference Standard	1026401-125MG
✓ 3-Amino-2,4,6-triiodobenzoic acid, United States Pharmacopeia (USP) Reference Standard	1026605-50MG
✓ 5-Amino-2,4,6-triiodo- <i>N</i> -methylisophthamic acid, United States Pharmacopeia (USP) Reference Standard	1027007-50MG
Amiodarone hydrochloride, European Pharmacopoeia (EP) Reference Standard	A0575000
✓ Amiodarone hydrochloride, United States Pharma-copeia (USP) Reference Standard	1027302-200MG
Amiodarone impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000129
Amiodarone impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000130
✓ Amiodarone Related Compound D, United States Pharmacopeia (USP) Reference Standard	1027346-20MG
✓ Amiodarone Related Compound E, United States Pharmacopeia (USP) Reference Standard	1027357-25MG
✓ Amiodarone Related Compound H, United States Pharmacopeia (USP) Reference Standard	1027380-20MG
Amisulpride, European Pharmacopoeia (EP) Reference Standard	A0590000
Amisulpride for system suitability, European Pharma-copoeia (EP) Reference Standard	Y0001534
✓ Amitraz, United States Pharmacopeia (USP) Reference Standard	1028000-200MG
✓ Amitriptyline hydrochloride, United States Pharma-copeia (USP) Reference Standard	1029002-200MG
Amitriptyline hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000563
✓ Amitriptyline Related Compound A, United States Pharmacopeia (USP) Reference Standard	1029013-25MG
✓ Amitriptyline Related Compound B, United States Pharmacopeia (USP) Reference Standard	1029024-25MG
✓ Amlexanox, United States Pharmacopeia (USP) Reference Standard	1029308
✓ Amlodipine besylate, United States Pharmacopeia (USP) Reference Standard	1029501-350MG
Amlodipine besylate, European Pharmacopoeia (EP) Reference Standard	Y0000049
Amlodipine for peak identification, European Pharma-copoeia (EP) Reference Standard	Y0001067
Amlodipine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001068
Amlodipine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001069
Amlodipine impurity G, European Pharmacopoeia (EP) Reference Standard	Y0001070
✓ Amlodipine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1029512-15MG
✓ Amlodipine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1029523-25MG
✓ Amlodipine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1029534-25MG

* Name	Catalog Number
✓ Amlodipine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1029545-25MG
✓ Amlodipine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1029556-25MG
✓ Amlodipine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1029567-25MG
✓ Amlodipine Related Compound K, United States Pharmacopeia (USP) Reference Standard	1029614-25MG
✓ Ammonio methacrylate copolymer type A, United States Pharmacopeia (USP) Reference Standard	1029909-500MG
✓ Ammonio methacrylate copolymer type B, United States Pharmacopeia (USP) Reference Standard	1029910-500MG
Ammonio methacrylate copolymer(type A) - reference spectrum, European Pharmacopoeia (EP)	Y0000302
Ammonio methacrylate copolymer(type B) - reference spectrum, European Pharmacopoeia (EP)	Y0000303
✓ Ammonium carbonate, United States Pharmacopeia (USP) Reference Standard	1029942-2G
✓ Ammonium chloride, United States Pharmacopeia (USP) Reference Standard	1029953-200MG
Ammonium glycyrrhizate, European Pharmacopoeia (EP) Reference Standard	Y0000433
✓ Ammonium glycyrrhizate, United States Pharmacopeia (USP) Reference Standard	1029929-100MG
✓ Ammonium phosphate dibasic, United States Pharma-copeia (USP) Reference Standard	1029986-1G
✓ Ammonium salts of phosphatidic acid, United States Pharmacopeia (USP) Reference Standard	1029997-1.5G
Amobarbital, European Pharmacopoeia (EP) Reference Standard	A0650000-500MG A0650000
✓ Amobarbital, United States Pharmacopeia (USP) Reference Standard	1030001-200MG
Amobarbital sodium, European Pharmacopoeia (EP) Reference Standard	A0700000
✓ Amodiaquine hydrochloride, United States Pharma-copeia (USP) Reference Standard	1031004-500MG
Amorolfine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001794
Amorolfine for system suitability, European Pharma-copoeia (EP) Reference Standard	Y0001795
✓ Amoxapine, United States Pharmacopeia (USP) Reference Standard	1031401-200MG
✓ Amoxapine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1031445-50MG
✓ Amoxapine Related Compound G, United States Pharmacopeia (USP) Reference Standard	1031478-50MG
✓ Amoxicillin, United States Pharmacopeia (USP) Reference Standard	1031503-200MG
Amoxicillin trihydrate, European Pharmacopoeia (EP) Reference Standard	A0800000
✓ Amoxicillin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1031514-15MG
✓ Amoxicillin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1031525-15MG
✓ Amoxicillin Related Compound C, United States Pharmacopeia (USP) Reference Standard	1031536-15MG
✓ Amoxicillin Related Compound D, United States Pharmacopeia (USP) Reference Standard	1031547-50MG
✓ Amoxicillin Related Compound F, United States Pharmacopeia (USP) Reference Standard	1031569-15MG
✓ Amoxicillin Related Compound G, United States Pharmacopeia (USP) Reference Standard	1031570-15MG
✓ Amoxicillin Related Compound I, United States Pharmacopeia (USP) Reference Standard	1031591-15MG
✓ Amoxicillin Related Compound J, United States Pharmacopeia (USP) Reference Standard	1031605-15MG
✓ Amoxicillin Related Compounds D and E Mixture, United States Pharmacopeia (USP) Reference Standard	1031558-15MG
Amoxicillin trihydrate for performance verification, European Pharmacopoeia (EP) Reference Standard	Y0001521

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Amphotericin B, European Pharmacopoeia (EP) Reference Standard	Y0000005
✓ Amphotericin B, United States Pharmacopeia (USP) Reference Standard	1032007-125MG
Amphotericin B for microbiological assay, European Pharmacopoeia (EP) Reference Standard	Y0001361
Amphotericin B for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001014
✓ Ampicillin, United States Pharmacopeia (USP) Reference Standard	1033000-200MG
Ampicillin, anhydrous, European Pharmacopoeia (EP) Reference Standard	A1000000
✓ Ampicillin trihydrate, United States Pharmacopeia (USP) Reference Standard	1033407-200MG
Ampicillin trihydrate, European Pharmacopoeia (EP) Reference Standard	A1100000
✓ Ampicillin sodium, United States Pharmacopeia (USP) Reference Standard	1033203-125MG
✓ Ampicillin System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1033247-10MG
✓ Amprolium, United States Pharmacopeia (USP) Reference Standard	1034002-200MG
✓ Amrinone, United States Pharmacopeia (USP) Reference Standard	1034308-500MG
✓ Amrinone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1034320-100MG
✓ Amrinone Related Compound B, United States Pharmacopeia (USP) Reference Standard	1034341-100MG
✓ Amrinone Related Compound C, United States Pharmacopeia (USP) Reference Standard	1034363-50MG
✓ α -Amylcinnamaldehyde dimethyl acetal, United States Pharmacopeia (USP) Reference Standard	1034498-500MG
✓ α -Amylcinnamyl acetate, United States Pharmacopeia (USP) Reference Standard	1034501-500MG
✓ α -Amylcinnamyl alcohol, United States Pharmacopeia (USP) Reference Standard	1034512-500MG
✓ α -Amylcinnamyl formate, United States Pharmacopeia (USP) Reference Standard	1034523-500MG
Amylmetacresol, European Pharmacopoeia (EP) Reference Standard	Y0001244
Amylmetacresol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001245
✓ Anagrelide hydrochloride, United States Pharmacopeia (USP) Reference Standard	1034738-100MG
✓ Anagrelide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1034749-25MG
✓ Anagrelide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1034750-25MG
✓ Anagrelide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1034771-25MG
Anastrozole, European Pharmacopoeia (EP) Reference Standard	Y0001522
✓ Anastrozole, United States Pharmacopeia (USP) Reference Standard	1034807-200MG
Anastrozole impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001531
✓ Anastrozole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1034818-20MG
✓ Andrographolide, United States Pharmacopeia (USP) Reference Standard	1034862-50MG
Anemarrhena rhizome for system suitability, HRS, European Pharmacopoeia (EP) Reference Standard	Y0001753
✓ Anethole, United States Pharmacopeia (USP) Reference Standard	1035005-4X0.5ML
Angelica dahurica root, European Pharmacopoeia (EP) Reference Standard	Y0001386
Angelica pubescent root, European Pharmacopoeia (EP) Reference Standard	Y0001385
✓ 1,6-Anhydro-D-glucose, United States Pharmacopeia (USP) Reference Standard	1035300-50MG

* Name	Catalog Number
✓ Anhydro simvastatin, United States Pharmacopeia (USP) Reference Standard	1035402-30MG
Anhydrotetracycline hydrochloride, European Pharmacopoeia (EP) Reference Standard	A1200000
✓ Anhydrotetracycline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1035708-25MG
Anhydrous Docetaxel, European Pharmacopoeia (EP) Reference Standard	Y0001466
✓ Anhydrous lactose, United States Pharmacopeia (USP) Reference Standard	1356676-100MG
✓ Anileridine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1036008-250MG
✓ 3-Anilino-2-(3,4,5-trimethoxybenzyl)acrylonitrile, United States Pharmacopeia (USP) Reference Standard	1036507-25MG
✓ <i>o</i> -Anisaldehyde, United States Pharmacopeia (USP) Reference Standard	1036948-3X0.5ML
✓ <i>p</i> -Anisaldehyde, United States Pharmacopeia (USP) Reference Standard	1036937-3X500MG
✓ Anisole, United States Pharmacopeia (USP) Reference Standard	1037011-3X1.2ML
✓ Anisyl butyrate, United States Pharmacopeia (USP) Reference Standard	1037022-5X0.5ML
✓ Anisyl phenylacetate, United States Pharmacopeia (USP) Reference Standard	1037044-5X0.5ML
✓ Anisyl propionate, United States Pharmacopeia (USP) Reference Standard	1037033-5X0.5ML
Antazoline hydrochloride, European Pharmacopoeia (EP) Reference Standard	A1210000
✓ Antazoline phosphate, United States Pharmacopeia (USP) Reference Standard	1038003-200MG
✓ Antazoline Related Compound A, United States Pharmacopeia (USP) Reference Standard	1038025-15MG
✓ Anthralin, United States Pharmacopeia (USP) Reference Standard	1039006-200MG
✓ Antimony trioxide, United States Pharmacopeia (USP) Reference Standard	1039390-100MG
✓ Antipyrine, United States Pharmacopeia (USP) Reference Standard	1040005-200MG
✓ Antipyrine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1040016-25MG
✓ Antithrombin III human, 4.38 IU, United States Pharmacopeia (USP) Reference Standard	1040504-1AMP
✓ Apigenin, United States Pharmacopeia (USP) Reference Standard	1040683-30MG
✓ Apigenin 7-glucoside, United States Pharmacopeia (USP) Reference Standard	1040708 -30MG
Apigenin 7-glucoside, European Pharmacopoeia (EP) Reference Standard	Y0001777
✓ Apocrotinal, United States Pharmacopeia (USP) Reference Standard	1040854-3X50MG
Apomorphine hydrochloride hemihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001465
✓ Apomorphine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1041008-250MG
α -Apo-oxytetracycline, European Pharmacopoeia (EP) Reference Standard	A1220000
β -Apo-oxytetracycline, European Pharmacopoeia (EP) Reference Standard	A1230000
✓ Apraclonidine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1041609-100MG
✓ Aprepitant, United States Pharmacopeia (USP) Reference Standard	1041904-150MG
✓ Aprepitant Related Compound A, United States Pharmacopeia (USP) Reference Standard	1041915-10MG
✓ Aprepitant Related Compound B, United States Pharmacopeia (USP) Reference Standard	1041926-10MG
Aprotinin solution, BRP, European Pharmacopoeia (EP) Reference Standard	A1250000
Aprotinin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001154

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ L-Arabinitol, United States Pharmacopeia (USP) Reference Standard	1042102-500MG
L-Arabinitol, European Pharmacopoeia (EP) Reference Standard	A1269000
✓ Arabinose, United States Pharmacopeia (USP) Reference Standard	1042055-50MG
✓ Arachidyl alcohol, United States Pharmacopeia (USP) Reference Standard	1042270-125MG
Arbutin, European Pharmacopoeia (EP) Reference Standard	Y0000806
✓ Argatroban, United States Pharmacopeia (USP) Reference Standard	1042408-350MG
✓ Argatroban Related Compound A, United States Pharmacopeia (USP) Reference Standard	1042419-15MG
✓ Argatroban Related Compound B, United States Pharmacopeia (USP) Reference Standard	1042420-20MG
✓ Argatroban Related Compound C, United States Pharmacopeia (USP) Reference Standard	1042437-20MG
Arginine, European Pharmacopoeia (EP) Reference Standard	A1270000
Arginine hydrochloride, European Pharmacopoeia (EP) Reference Standard	A1271000
✓ L-Arginine, United States Pharmacopeia (USP) Reference Standard	1042500-200MG
Arginine aspartate, European Pharmacopoeia (EP) Reference Standard	Y0000304
✓ Arginine ethyl ester dihydrochloride, United States Pharmacopeia (USP) Reference Standard	1042554-250MG
✓ Arginine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1042601-125MG
Aripiprazole, European Pharmacopoeia (EP) Reference Standard	Y0001649
✓ Aripiprazole, United States Pharmacopeia (USP) Reference Standard	1042634-200MG
Aripiprazole impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001650
✓ Aripiprazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1042645-25MG
✓ Aripiprazole Related Compound C, United States Pharmacopeia (USP) Reference Standard	1042656-25MG
✓ Aripiprazole Related Compound F, United States Pharmacopeia (USP) Reference Standard	1042689-25MG
✓ Aripiprazole Related Compound G, United States Pharmacopeia (USP) Reference Standard	1042690-25MG
✓ Aripiprazole Related Compound H, United States Pharmacopeia (USP) Reference Standard	1042714-25MG
Aristolochia, European Pharmacopoeia (EP) Reference Standard	Y0001323
Aristolochic acid I, European Pharmacopoeia (EP) Reference Standard	Y0001185
Aristolochic acid for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001175
✓ Arsanilic acid, United States Pharmacopeia (USP) Reference Standard	1042703-25MG
✓ Artemether, United States Pharmacopeia (USP) Reference Standard	1042780-100MG
✓ Artemether Related Compound A, United States Pharmacopeia (USP) Reference Standard	1042791-15MG
✓ Artemether Related Compound B, United States Pharmacopeia (USP) Reference Standard	1042805-15MG
✓ Artemisinin, United States Pharmacopeia (USP) Reference Standard	1042747-20MG
✓ Artesunate, United States Pharmacopeia (USP) Reference Standard	1042850-200MG
✓ Artesunate Related Compound C, United States Pharmacopeia (USP) Reference Standard	1042882-25MG
✓ Artesunate Related Compound D, United States Pharmacopeia (USP) Reference Standard	1042893-25MG
✓ Artocaine, United States Pharmacopeia (USP) Reference Standard	1042907-40MG

* Name	Catalog Number
Artocaine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000079
✓ Artocaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1042918-125MG
Artocaine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000080
Artocaine impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000081
✓ Artocaine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1042929-40MG
✓ Artocaine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1042930-25MG
✓ Artocaine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1042962-40MG
✓ Ascorbic acid, United States Pharmacopeia (USP) Reference Standard	1043003-1G
Ascorbic acid, European Pharmacopoeia (EP) Reference Standard	A1300000
Ascorbic acid impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001024
Ascorbic acid impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001170
Ascorbyl palmitate, European Pharmacopoeia (EP) Reference Standard	Y0000800
✓ Ascorbyl palmitate, United States Pharmacopeia (USP) Reference Standard	1043105-500MG
✓ Asiaticoside, United States Pharmacopeia (USP) Reference Standard	1043331-30MG
Asiaticoside, European Pharmacopoeia (EP) Reference Standard	Y0001206
Asparagine monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000305
✓ Asparagine monohydrate, United States Pharmacopeia (USP) Reference Standard	1043513-200MG
✓ Asparagine anhydrous, United States Pharmacopeia (USP) Reference Standard	1043502-200MG
✓ Aspartame, United States Pharmacopeia (USP) Reference Standard	1043706-200MG
Aspartame, European Pharmacopoeia (EP) Reference Standard	A1320000
✓ Aspartame Acesulfame, United States Pharmacopeia (USP) Reference Standard	1043750-200MG
Aspartame impurity A, European Pharmacopoeia (EP) Reference Standard	A1321000
✓ Aspartame Related Compound A, United States Pharmacopeia (USP) Reference Standard	1043728-25MG
✓ Aspartic acid, United States Pharmacopeia (USP) Reference Standard	1043819-100MG
Aspartic acid, European Pharmacopoeia (EP) Reference Standard	A1330000
✓ Aspirin, United States Pharmacopeia (USP) Reference Standard	1044006-500MG
✓ Astaxanthin esters from Haematococcus pluvialis, United States Pharmacopeia (USP) Reference Standard	1044210-5X100MG
✓ Astaxanthin (synthetic), United States Pharmacopeia (USP) Reference Standard	1044200-3X30MG
✓ Astemizole, United States Pharmacopeia (USP) Reference Standard	1044301-200MG
Astragaloside IV, European Pharmacopoeia (EP) Reference Standard	Y0001171
✓ Astragaloside IV, United States Pharmacopeia (USP) Reference Standard	1044108-100MG
✓ Astragalus Root Dry Extract, United States Pharmacopeia (USP) Reference Standard	1044119-1G
✓ Atazanavir Related Compound A, United States Pharmacopeia (USP) Reference Standard	1044356-25MG
✓ Atazanavir sulfate, United States Pharmacopeia (USP) Reference Standard	1044334-200MG
✓ Atazanavir System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1044345-25MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Atenolol, United States Pharmacopeia (USP) Reference Standard	1044403-200MG
Atenolol, European Pharmacopoeia (EP) Reference Standard	A1340000
Atenolol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001089
✓ Atenolol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1044414-20MG
✓ Atenolol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1044425-20MG
✓ Atenolol Related Compound C, United States Pharmacopeia (USP) Reference Standard	1044436-20MG
✓ Atenolol Related Compound D, United States Pharmacopeia (USP) Reference Standard	1044447-20MG
✓ Atenolol Related Compound E, United States Pharmacopeia (USP) Reference Standard	1044451-20MG
Atomoxetine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001586
✓ Atomoxetine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1044469-125MG
Atomoxetine for impurity A identification, European Pharmacopoeia (EP) Reference Standard	Y0001587
Atomoxetine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001588
Atomoxetine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001589
✓ Atomoxetine S-isomer, United States Pharmacopeia (USP) Reference Standard	1044913-10MG
✓ Atomoxetine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1044470-10MG
✓ Atomoxetine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1044488-10MG
✓ Atomoxetine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1044491-10MG
✓ Atorvastatin Calcium, United States Pharmacopeia (USP) Reference Standard	1044516-100MG
Atorvastatin calcium trihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001327
Atorvastatin impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001328
Atorvastatin impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001329
Atorvastatin impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001330
Atorvastatin impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001331
Atorvastatin impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001332
✓ Atorvastatin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1044527-20MG
✓ Atorvastatin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1044538-20MG
✓ Atorvastatin Related Compound C, United States Pharmacopeia (USP) Reference Standard	1044549-20MG
✓ Atorvastatin Related Compound D, United States Pharmacopeia (USP) Reference Standard	1044550-10MG
✓ Atorvastatin Related Compound E, United States Pharmacopeia (USP) Reference Standard	1044571-10MG
✓ Atorvastatin Related Compound H, United States Pharmacopeia (USP) Reference Standard	1044582-20MG
✓ Atorvastatin Related Compound I, United States Pharmacopeia (USP) Reference Standard	1044593-20MG
Atovaquone, European Pharmacopoeia (EP) Reference Standard	Y0001572
✓ Atovaquone, United States Pharmacopeia (USP) Reference Standard	1044651-200MG
Atovaquone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001573
✓ Atovaquone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1044662-25MG

* Name	Catalog Number
✓ Atracurium besylate, United States Pharmacopeia (USP) Reference Standard	1044800-100MG
Atracurium besylate, European Pharmacopoeia (EP) Reference Standard	Y0000424
Atracurium for impurity F identification, European Pharmacopoeia (EP) Reference Standard	Y0000503
Atracurium for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000504
Atropine, European Pharmacopoeia (EP) Reference Standard	Y0000878
Atropine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000845
Atropine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000816
✓ Atropine sulfate, United States Pharmacopeia (USP) Reference Standard	1045009-500MG
Atropine sulfate, European Pharmacopoeia (EP) Reference Standard	A1400000
✓ Aurothioglucose, United States Pharmacopeia (USP) Reference Standard	1045508-100MG
✓ Avobenzene, United States Pharmacopeia (USP) Reference Standard	1045337-500MG
✓ Azacitidine, United States Pharmacopeia (USP) Reference Standard	1045520-150MG
✓ Azacitidine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1045539-15MG
✓ Azacitidine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1045541-15MG
✓ Azacitidine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1045574-15MG
✓ Azaerythromycin A, United States Pharmacopeia (USP) Reference Standard	1045600-100MG
Azaperone, European Pharmacopoeia (EP) Reference Standard	Y0000029
✓ Azaperone, United States Pharmacopeia (USP) Reference Standard	1045756-200MG
✓ Azatadine maleate, United States Pharmacopeia (USP) Reference Standard	1045803-200MG
Azathioprine, European Pharmacopoeia (EP) Reference Standard	A1500000
✓ Azathioprine, United States Pharmacopeia (USP) Reference Standard	1046001-200MG
Azathioprine impurity A,, European Pharmacopoeia (EP) Reference Standard	Y0001240
Azathioprine impurity G, European Pharmacopoeia (EP) Reference Standard	Y0001246
✓ Azathioprine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1045993-15MG
✓ Azathioprine Related Compound G, United States Pharmacopeia (USP) Reference Standard	1045938-15MG
Azelastine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000326
✓ Azelastine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1046158-300MG
Azelastine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000327
Azelastine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000328
Azelastine impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000329
✓ Azelastine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1046170-20MG
✓ Azelastine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1046191-20MG
✓ Azelastine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1046202-20MG
Azithromycin, European Pharmacopoeia (EP) Reference Standard	Y0000306
✓ Azithromycin, United States Pharmacopeia (USP) Reference Standard	1046056-100MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Azithromycin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000637
Azithromycin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000641-0.05MG Y0000641
✓ Azithromycin Identification Mixture, United States Pharmacopoeia (USP) Reference Standard	1046012-75MG
✓ Azithromycin Identity, United States Pharmacopoeia (USP) Reference Standard	1046067-75MG
Azithromycin impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000307
✓ Azithromycin <i>N</i> -oxide, United States Pharmacopoeia (USP) Reference Standard	1046090-15MG
✓ Azithromycin Related Compound F, United States Pharmacopoeia (USP) Reference Standard	1046045-25MG
✓ Azithromycin Related Compound H, United States Pharmacopoeia (USP) Reference Standard	1046023-15MG
✓ Azo-Aminoglutethimide, United States Pharmacopoeia (USP) Reference Standard	1046147-100MG
✓ Aztec Marigold Zeaxanthin Extract, United States Pharmacopoeia (USP) Reference Standard	1733122-4X50MG
✓ Aztreonam, United States Pharmacopoeia (USP) Reference Standard	1046205-200MG
✓ Aztreonam <i>E</i> -Isomer, United States Pharmacopoeia (USP) Reference Standard	1046307-15MG
✓ Azure B, United States Pharmacopoeia (USP) Reference Standard	1046351-50MG
Bacampicillin hydrochloride, European Pharmacopoeia (EP) Reference Standard	B0070000
✓ Bacampicillin hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1047300-200MG
✓ Bacitracin zinc, United States Pharmacopoeia (USP) Reference Standard	1048007-200MG
Bacitracin zinc, European Pharmacopoeia (EP) Reference Standard	B0100000
Baclofen, European Pharmacopoeia (EP) Reference Standard	B0200000
✓ Baclofen, United States Pharmacopoeia (USP) Reference Standard	1048200-350MG
Baclofen impurity A, European Pharmacopoeia (EP) Reference Standard	B0200050
✓ Baclofen Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1048222-50MG
✓ Bacoside A3, United States Pharmacopoeia (USP) Reference Standard	1048233-15MG
Baicalin, European Pharmacopoeia (EP) Reference Standard	Y0001273
✓ Balsalazide disodium, United States Pharmacopoeia (USP) Reference Standard	1048255-200MG
✓ Balsalazide Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1048266-100MG
✓ Balsalazide Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1048277-25MG
Bambuterol hydrochloride, European Pharmacopoeia (EP) Reference Standard	B0250000
Barbital, European Pharmacopoeia (EP) Reference Standard	B0300000
Basic butylated methacrylate copolymer, European Pharmacopoeia (EP) Reference Standard	Y0001525
Beclometasone dipropionate monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000351
Beclometasone dipropionate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000469
Beclometasone dipropionate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000352
Beclometasone dipropionate impurities F and N, European Pharmacopoeia (EP) Reference Standard	Y0001073
✓ Beclomethasone dipropionate, United States Pharmacopoeia (USP) Reference Standard	1048506-200MG
Beclomethasone dipropionate, anhydrous, European Pharmacopoeia (EP) Reference Standard	B0305000

* Name	Catalog Number
✓ Behenoyl polyoxyglycerides, United States Pharmacopoeia (USP) Reference Standard	1048550-500MG
Belamcanda chinensis rhizome HRS, European Pharmacopoeia (EP) Reference Standard	Y0001607
✓ Bemotrizinol, United States Pharmacopoeia (USP) Reference Standard	1048572-200MG
✓ Bemotrizinol Impurity Mixture, United States Pharmacopoeia (USP) Reference Standard	1048583-100MG
Benazepril hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001025
✓ Benazepril hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1048619-125MG
Benazepril for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001038
Benazepril impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001026
✓ Benazepril Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1048620-25MG
✓ Benazepril Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1048630-15MG
✓ Benazepril Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1048641-50MG
✓ Benazepril Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1048652-15MG
✓ Benazepril Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1048663-25MG
✓ Benazepril Related Compound F, United States Pharmacopoeia (USP) Reference Standard	1048674-15MG
✓ Benazepril Related Compound G, United States Pharmacopoeia (USP) Reference Standard	1048685-15MG
Bendroflumethiazide, European Pharmacopoeia (EP) Reference Standard	B0400000
✓ Bendroflumethiazide, United States Pharmacopoeia (USP) Reference Standard	1049000-200MG
Bendroflumethiazide impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000564
✓ Benoxinate hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1050009-200MG
Benperidol, European Pharmacopoeia (EP) Reference Standard	B0470000
Benserazide hydrochloride, European Pharmacopoeia (EP) Reference Standard	B0477000
Benserazide for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001079
Benserazide impurity A, European Pharmacopoeia (EP) Reference Standard	B0477010
Benserazide impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001071
Benzaldehyde, European Pharmacopoeia (EP) Reference Standard	Y0001064-150MG
✓ Benzaldehyde, United States Pharmacopoeia (USP) Reference Standard	1050905-3X1ML
✓ Benzaldehyde propylene glycol acetal, United States Pharmacopoeia (USP) Reference Standard	1050949-5X0.5ML
✓ Benzalkonium bromide (C12), United States Pharmacopoeia (USP) Reference Standard	1050982-150MG
Benzalkonium chloride for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001060
✓ Benzalkonium chloride, 5 mL of approx. 10% aqueous solution, United States Pharmacopoeia (USP) Reference Standard	1051001-5ML
Benzarone, European Pharmacopoeia (EP) Reference Standard	B0490000
Benzathine benzylpenicillin	B0500000
Benzbromarone, European Pharmacopoeia (EP) Reference Standard	Y0000775
Benzethonium chloride, European Pharmacopoeia (EP) Reference Standard	B0550000
✓ Benzethonium chloride, United States Pharmacopoeia (USP) Reference Standard	1051500-500MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Benzhydrol, United States Pharmacopeia (USP) Reference Standard	1051602-50MG
Benzocaine, European Pharmacopoeia (EP) Reference Standard	B0600000
✓ Benzocaine, United States Pharmacopeia (USP) Reference Standard	1054000-500MG
✓ Benzoic acid, United States Pharmacopeia (USP) Reference Standard	1055002-300MG
Benzoic acid, European Pharmacopoeia (EP) Reference Standard	Y0001470
✓ Benzonatate, United States Pharmacopeia (USP) Reference Standard	1056005-1G
Benzophenone, European Pharmacopoeia (EP) Reference Standard	Y0000647
✓ Benzophenone, United States Pharmacopeia (USP) Reference Standard	1056130-25MG
✓ 1,4-Benzoquinone, United States Pharmacopeia (USP) Reference Standard	1056504-200MG
✓ Benzothiadiazine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1057507-100MG
✓ Benzphetamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1059003-200MG
✓ Bzotropine mesylate, United States Pharmacopeia (USP) Reference Standard	1061005-200MG
✓ Benzyl alcohol, United States Pharmacopeia (USP) Reference Standard	1061901-500MG
Benzyl alcohol, European Pharmacopoeia (EP) Reference Standard	Y0000167
✓ Benzyl benzoate, United States Pharmacopeia (USP) Reference Standard	1062008-5G
Benzyl benzoate - reference spectrum, European Pharmacopoeia (EP)	B0670000
✓ Benzyl disulfide, United States Pharmacopeia (USP) Reference Standard	1062020-200MG
✓ 3-Benzyl-4-heptanone, United States Pharmacopeia (USP) Reference Standard	1064058-5X0.5ML
✓ Benzyl mercaptan, United States Pharmacopeia (USP) Reference Standard	1062074-5X0.5ML
S-Benzylmercaptoacetyltriglycin, European Pharmacopoeia (EP) Reference Standard	B0680000
✓ 1-Benzyl-3-methyl-5-aminopyrazole hydrochloride, United States Pharmacopeia (USP) Reference Standard	1064003-25MG
✓ N-Benzyl-N-methylethanolamine, United States Pharmacopeia (USP) Reference Standard	1064122-3X0.2ML
✓ Benzyl methyl sulfide, United States Pharmacopeia (USP) Reference Standard	1062085-5X0.5ML
Benzylpenicillin potassium, European Pharmacopoeia (EP) Reference Standard	B0700000
Benzylpenicillin sodium, European Pharmacopoeia (EP) Reference Standard	B0900000
✓ Bephenium hydroxynaphthoate, United States Pharmacopeia (USP) Reference Standard	1065006-500MG
Berberine chloride, European Pharmacopoeia (EP) Reference Standard	Y0001149
✓ Berberine chloride, United States Pharmacopeia (USP) Reference Standard	1065210-50MG
✓ beta-Alanine, United States Pharmacopeia (USP) Reference Standard	1012495-100MG
✓ Beta Carotene, United States Pharmacopeia (USP) Reference Standard	1065480-7X100MG
✓ Beta Carotene System Suitability, United States Pharmacopeia (USP) Reference Standard	1065491-200MG
✓ Beta Cyclodextrin, United States Pharmacopeia (USP) Reference Standard	1154569-250MG 1707908-30MG
✓ Beta-Damascone, United States Pharmacopeia (USP) Reference Standard	1162648-3X0.5ML
Betadex, European Pharmacopoeia (EP) Reference Standard	B0950000
✓ Betadex sulfobutyl ether sodium, United States Pharmacopeia (USP) Reference Standard	1065550-500MG

* Name	Catalog Number
✓ Beta Glucan, United States Pharmacopeia (USP) Reference Standard	1048288-1G
Betahistine dihydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000391
✓ Betahistine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1065618-200MG
Betahistine mesilate, European Pharmacopoeia (EP) Reference Standard	B0990000
✓ Betaine, United States Pharmacopeia (USP) Reference Standard	1065695-1G
✓ Betaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1065709-200MG
Betamethasone, European Pharmacopoeia (EP) Reference Standard	B1000000
✓ Betamethasone, United States Pharmacopeia (USP) Reference Standard	1066009-200MG
✓ Betamethasone acetate, United States Pharmacopeia (USP) Reference Standard	1067001-500MG
Betamethasone acetate, European Pharmacopoeia (EP) Reference Standard	B1030000
✓ Betamethasone benzoate, United States Pharmacopeia (USP) Reference Standard	1067307-200MG
✓ Betamethasone dipropionate, United States Pharmacopeia (USP) Reference Standard	1067704-125MG
Betamethasone dipropionate, European Pharmacopoeia (EP) Reference Standard	B1040000
Betamethasone dipropionate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001416
Betamethasone dipropionate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001418
✓ Betamethasone sodium phosphate, United States Pharmacopeia (USP) Reference Standard	1068004-500MG
Betamethasone sodium phosphate, European Pharmacopoeia (EP) Reference Standard	B1045000
✓ Betamethasone valerate, United States Pharmacopeia (USP) Reference Standard	1069007-200MG
Betamethasone 17-valerate, European Pharmacopoeia (EP) Reference Standard	B1054000
Betamethasone 21-valerate, European Pharmacopoeia (EP) Reference Standard	B1055000-15MG B1055000
Betamethasone valerate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001027
Betamethasone valerate impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001065
✓ Betamethasone Valerate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1069018-50MG
Beta-sitosterol, European Pharmacopoeia (EP) Reference Standard	Y0001615
✓ Betaxolol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1069903-200MG
Betaxolol hydrochloride, European Pharmacopoeia (EP) Reference Standard	B1103000
Betaxolol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001360
Betaxolol impurity A, European Pharmacopoeia (EP) Reference Standard	B1103100
Betaxolol impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001354
✓ Betazole hydrochloride, United States Pharmacopeia (USP) Reference Standard	1070006-200MG
✓ Bethanechol chloride, United States Pharmacopeia (USP) Reference Standard	1071009-200MG
Bezafibrate, European Pharmacopoeia (EP) Reference Standard	B1115000
Bicalutamide, European Pharmacopoeia (EP) Reference Standard	Y0001444
✓ Bicalutamide, United States Pharmacopeia (USP) Reference Standard	1071202-200MG
Bicalutamide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001448

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Bicalutamide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1071213-25MG
✓ Bicalutamide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1071224-10MG
Bicisate labelling kit, European Pharmacopoeia (EP) Reference Standard	Y0001078
Bifonazole, European Pharmacopoeia (EP) Reference Standard	B1110000
Bifonazole for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001421
Bilberry dry extract, HRS, European Pharmacopoeia (EP) Reference Standard	Y0001788
✓ Bile salts, United States Pharmacopeia (USP) Reference Standard	1071304-10G
✓ Biochanin A, United States Pharmacopeia (USP) Reference Standard	1071381-20MG
✓ Biotin, United States Pharmacopeia (USP) Reference Standard	1071508-200MG
Biotin, European Pharmacopoeia (EP) Reference Standard	B1116000
✓ Biperiden, United States Pharmacopeia (USP) Reference Standard	1072001-200MG
Biperiden hydrochloride, European Pharmacopoeia (EP) Reference Standard	B1120000
✓ Biperiden hydrochloride, United States Pharmacopeia (USP) Reference Standard	1073004-200MG
Biperiden impurity A, European Pharmacopoeia (EP) Reference Standard	B1121000
✓ Biphenyl, United States Pharmacopeia (USP) Reference Standard	1073423-500MG
Bisacodyl, European Pharmacopoeia (EP) Reference Standard	B1140000
✓ Bisacodyl, United States Pharmacopeia (USP) Reference Standard	1074007-125MG
Bisacodyl for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000608
Bisacodyl for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000694
✓ Bisacodyl Related Compound B, United States Pharmacopeia (USP) Reference Standard	1074042-20MG
✓ Bisacodyl Related Compound C, United States Pharmacopeia (USP) Reference Standard	1074051-20MG
✓ Bisacodyl Related Compound E, United States Pharmacopeia (USP) Reference Standard	1074073-20MG
✓ 2,5-Bis(o-arabino-1,2,3,4-tetrahydroxybutyl) pyrazine, United States Pharmacopeia (USP) Reference Standard	1074700-25MG
✓ Bisdesmethoxycurcumin, United States Pharmacopeia (USP) Reference Standard	1075305-30MG
✓ Bis(2-ethylhexyl) maleate, United States Pharmacopeia (USP) Reference Standard	1075203-2G
✓ Bismuth citrate, United States Pharmacopeia (USP) Reference Standard	1075531-100MG
✓ Bismuth subcarbonate, United States Pharmacopeia (USP) Reference Standard	1075600-1G
✓ Bismuth subgallate, United States Pharmacopeia (USP) Reference Standard	1075622-2G
✓ Bismuth subnitrate, United States Pharmacopeia (USP) Reference Standard	1075644-1.5G
✓ Bismuth subsalicylate, United States Pharmacopeia (USP) Reference Standard	1075553-100MG
✓ Bisotrizole, United States Pharmacopeia (USP) Reference Standard	1075677-200MG
✓ Bisotrizole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1075688-25MG
✓ Bisotrizole Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1075699-50MG
Bisoprolol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000877
Bisoprolol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000813

* Name	Catalog Number
✓ Bisoprolol fumarate, United States Pharmacopeia (USP) Reference Standard	1075757-200MG
Bisoprolol fumarate, European Pharmacopoeia (EP) Reference Standard	Y0000812
Bleomycin sulfate, European Pharmacopoeia (EP) Reference Standard	B1141000
✓ Bleomycin sulfate, United States Pharmacopeia (USP) Reference Standard	1076308-15MG
Boldine, European Pharmacopoeia (EP) Reference Standard	Y0000434
✓ Borage seed oil, United States Pharmacopeia (USP) Reference Standard	1076057-1G
Bordetella pertussis mouse antiserum, BRP, European Pharmacopoeia (EP) Reference Standard	B1142000
✓ Boric acid, United States Pharmacopeia (USP) Reference Standard	1076341-1G
✓ Bosentan, United States Pharmacopeia (USP) Reference Standard	1076115-200MG
✓ Bosentan Related Compound A, United States Pharmacopeia (USP) Reference Standard	1076126-15MG
✓ Bosentan Related Compound B, United States Pharmacopeia (USP) Reference Standard	1076137-15MG
✓ Bosentan Related Compound C, United States Pharmacopeia (USP) Reference Standard	1076148-15MG
✓ Bosentan Related Compound D, United States Pharmacopeia (USP) Reference Standard	1076159-15MG
✓ Bosentan Related Compound E, United States Pharmacopeia (USP) Reference Standard	1076160-15MG
✓ Boswellia Serrata Extract, United States Pharmacopeia (USP) Reference Standard	1076250-1G
✓ Bovine Acellular Dermal Matrix Reference Photomicrographs (CD), United States Pharmacopeia (USP)	1535824-1EA
✓ Bretylium tosylate, United States Pharmacopeia (USP) Reference Standard	1076352-200MG
Brimonidine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001634
Brimonidine tartrate, European Pharmacopoeia (EP) Reference Standard	Y0001658
✓ Brinzolamide, United States Pharmacopeia (USP) Reference Standard	1076363-200MG
✓ Brinzolamide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1076374-50MG
✓ Brinzolamide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1076385-50MG
Bromazepam, European Pharmacopoeia (EP) Reference Standard	B1143000
✓ Bromazepam, United States Pharmacopeia (USP) Reference Standard	1076465-100MG
Bromhexine hydrochloride, European Pharmacopoeia (EP) Reference Standard	B1145000
Bromhexine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001757
Bromocriptine mesilate, European Pharmacopoeia (EP) Reference Standard	B1150000
Bromocriptine mesilate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000677
✓ Bromocriptine mesylate, United States Pharmacopeia (USP) Reference Standard	1076501-150MG
✓ Bromodiphenhydramine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1077005-200MG
✓ 8-Bromotheophylline, United States Pharmacopeia (USP) Reference Standard	1077708-400MG
Bromperidol, European Pharmacopoeia (EP) Reference Standard	B1152000
Bromperidol decanoate, European Pharmacopoeia (EP) Reference Standard	B1152050
✓ Bromperidol decanoate, United States Pharmacopeia (USP) Reference Standard	1077887-15MG
(±)-Brompheniramine maleate salt	B1153000

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Brompheniramine maleate, United States Pharmacopeia (USP) Reference Standard	1078008-125MG
Brucine, European Pharmacopoeia (EP) Reference Standard	Y0001196
✓ BSA for protein quantitation, United States Pharmacopeia (USP) Reference Standard	1076192-5X1ML
Budesonide, European Pharmacopoeia (EP) Reference Standard	B1157300
✓ Budesonide, United States Pharmacopeia (USP) Reference Standard	1078201-200MG
Budesonide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001148
✓ Budesonide Related Compound E, United States Pharmacopeia (USP) Reference Standard	1078245-25MG
✓ Budesonide Related Compound G, United States Pharmacopeia (USP) Reference Standard	1078267-25MG
✓ Budesonide Related Compound L, United States Pharmacopeia (USP) Reference Standard	1078289-25MG
Bufexamac, European Pharmacopoeia (EP) Reference Standard	B1156000
Bufexamac impurity A, EuropePharmacopoeia (EP) Reference Standard	Y0001729
Bufexamac impurity B, EuropePharmacopoeia (EP) Reference Standard	Y0001730
Bufexamac impurity C, EuropePharmacopoeia (EP) Reference Standard	Y0001731
Bufexamac impurity D, EuropePharmacopoeia (EP) Reference Standard	Y0001732
Bufomedil hydrochloride, European Pharmacopoeia (EP) Reference Standard	B1157400
Bufomedil for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001529
Bufomedil impurity B, European Pharmacopoeia (EP) Reference Standard	B1157410
Bumetanide, European Pharmacopoeia (EP) Reference Standard	B1158000
✓ Bumetanide, United States Pharmacopeia (USP) Reference Standard	1078303-125MG
Bumetanide impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000309
Bumetanide impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000310
✓ Bumetanide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1078325-10MG
✓ Bumetanide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1078336-25MG
Bupivacaine hydrochloride, European Pharmacopoeia (EP) Reference Standard	B1160000
✓ Bupivacaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1078507-300MG
Bupivacaine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000088
Bupivacaine impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000089
Bupivacaine impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001575
✓ Bupivacaine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1078518-50MG
✓ Bupivacaine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1078529-50MG
✓ Buprenorphine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1078700-50MG
✓ Buprenorphine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1078711-25MG
✓ Bupropion hydrobromide, United States Pharmacopeia (USP) Reference Standard	1078846-200MG
✓ Bupropion Hydrochloride Related Compound A, United States Pharmacopeia (USP) Reference Standard	1078744-15MG
✓ Bupropion Hydrochloride Related Compound B, United States Pharmacopeia (USP) Reference Standard	1078755-10MG

* Name	Catalog Number
✓ Bupropion Hydrochloride Related Compound C, United States Pharmacopeia (USP) Reference Standard	1078766-40MG
✓ Bupropion Hydrochloride Related Compound F, United States Pharmacopeia (USP) Reference Standard	1078799-40MG
Buserelin, European Pharmacopoeia (EP) Reference Standard	B1168000
Buserelin for NMR identification, EuropePharmacopoeia (EP) Reference Standard	Y0001814
Buserelin for peak identification, EuropePharmacopoeia (EP) Reference Standard	Y0001740
Buspirone hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000131
✓ Buspirone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1078802-200MG
Buspirone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000471
✓ Buspirone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1078573-2X75MG
✓ Buspirone Related Compound G, United States Pharmacopeia (USP) Reference Standard	1078813-50MG
✓ Buspirone Related Compound K, United States Pharmacopeia (USP) Reference Standard	1078642-50MG
✓ Buspirone Related Compound L, United States Pharmacopeia (USP) Reference Standard	1078824-2X75MG
✓ Buspirone Related Compound N, United States Pharmacopeia (USP) Reference Standard	1078835-50MG
Busulfan, European Pharmacopoeia (EP) Reference Standard	B1170000
✓ Butabarbital, United States Pharmacopeia (USP) Reference Standard	1079000-200MG
✓ Butacaine sulfate, United States Pharmacopeia (USP) Reference Standard	1080000-600MG
✓ Butalbital, United States Pharmacopeia (USP) Reference Standard	1081002-200MG
✓ Butamben, United States Pharmacopeia (USP) Reference Standard	1081501-200MG
✓ Butane-1,3-diol, United States Pharmacopeia (USP) Reference Standard	1082956-1ML
✓ 2,3-Butanedithiol, United States Pharmacopeia (USP) Reference Standard	1081842-3X1G
✓ 1-Butanol, United States Pharmacopeia (USP) Reference Standard	1081807-3X1.2ML
✓ 2-Butanol, United States Pharmacopeia (USP) Reference Standard	1081829-3X1.2ML
✓ Butoconazole nitrate, United States Pharmacopeia (USP) Reference Standard	1082300-200MG
✓ Butorphanol tartrate, United States Pharmacopeia (USP) Reference Standard	1082504-350MG
✓ Butyl acetate, United States Pharmacopeia (USP) Reference Standard	1082606-3X1.2ML
✓ Butylated hydroxytoluene, United States Pharmacopeia (USP) Reference Standard	1082708-500MG
✓ Butyl 3-(butylamino)-4-phenoxy-5-sulfamoylbenzoate, United States Pharmacopeia (USP) Reference Standard	1082901-25MG
✓ Butyl cinnamate, United States Pharmacopeia (USP) Reference Standard	1082617-500MG
✓ Butyl heptanoate, United States Pharmacopeia (USP) Reference Standard	1082628-5X0.5ML
✓ Butyl hexanoate, United States Pharmacopeia (USP) Reference Standard	1082967-3X500MG
Butylhydroxyanisole, European Pharmacopoeia (EP) Reference Standard	B1212000
✓ 2-tert-Butyl-4-hydroxyanisole, United States Pharmacopeia (USP) Reference Standard	1083008-200MG
✓ 3-tert-Butyl-4-hydroxyanisole, United States Pharmacopeia (USP) Reference Standard	1083100-200MG
Butylhydroxytoluene, European Pharmacopoeia (EP) Reference Standard	B1215000
✓ Butyl isothiocyanate, United States Pharmacopeia (USP) Reference Standard	1082640-1ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Butyl methacrylate, European Pharmacopoeia (EP) Reference Standard	Y0001487
Butyl methanesulfonate, European Pharmacopoeia (EP) Reference Standard	Y0001304
✓ <i>tert</i> -Butyl methyl ether, United States Pharmacopeia (USP) Reference Standard	1083303-3X1.2ML
✓ Butyl palmitate, United States Pharmacopeia (USP) Reference Standard	1083529-500MG
✓ Butylparaben, United States Pharmacopeia (USP) Reference Standard	1084000-200MG
Butyl parahydroxybenzoate, European Pharmacopoeia (EP) Reference Standard	B1217000
Butyl parahydroxybenzoate impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001357
✓ Butyl stearate, United States Pharmacopeia (USP) Reference Standard	1082639-500MG
✓ Butyl valerate, United States Pharmacopeia (USP) Reference Standard	1082672-1ML
✓ Butyraldehyde, United States Pharmacopeia (USP) Reference Standard	1084259-3X1.2ML
✓ Cabergoline, United States Pharmacopeia (USP) Reference Standard	1084306-125MG
Cabergoline, European Pharmacopoeia (EP) Reference Standard	Y0000472
✓ Caffeic acid, United States Pharmacopeia (USP) Reference Standard	1084995-15MG
✓ Caffeine, United States Pharmacopeia (USP) Reference Standard	1085003-200MG
Caffeine, European Pharmacopoeia (EP) Reference Standard	C0100000
Caffeine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000787
✓ Caffeine melting point standard, United States Pharmacopeia (USP) Reference Standard	1086006-1G
✓ Caftaric acid, United States Pharmacopeia (USP) Reference Standard	1086039-20MG
Calcifediol, European Pharmacopoeia (EP) Reference Standard	C0166000
✓ Calcifediol, United States Pharmacopeia (USP) Reference Standard	1086108-75MG
Calcifediol - reference spectrum, European Pharmacopoeia (EP)	C0166001
✓ Calcipotriene, United States Pharmacopeia (USP) Reference Standard	1086141-200MG
✓ Calcipotriene Related Compound C, United States Pharmacopeia (USP) Reference Standard	1086152-15MG
Calcipotriol monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000473
Calcipotriol (anhydrous) - reference spectrum, European Pharmacopoeia (EP)	Y0000499
Calcipotriol monohydrate - reference spectrum, European Pharmacopoeia (EP)	Y0000474
Calcitonin-Gly, European Pharmacopoeia (EP) Reference Standard	Y0000632
Calcitonin salmon, European Pharmacopoeia (EP) Reference Standard	C0200000-2EA
✓ Calcitonin salmon, United States Pharmacopeia (USP) Reference Standard	1086200-20MG
✓ Calcitonin Salmon Related Compound A, United States Pharmacopeia (USP) Reference Standard	1086210-20MG
✓ Calcitonin Salmon Related Compound B, United States Pharmacopeia (USP) Reference Standard	1086221-0.34MG
✓ Calcitriol, United States Pharmacopeia (USP) Reference Standard	1086301-10MG
Calcitriol, European Pharmacopoeia (EP) Reference Standard	C0225000
Calcitriol - reference spectrum, European Pharmacopoeia (EP)	C0226000
✓ Calcitriol solution, United States Pharmacopeia (USP) Reference Standard	1086312-5ML

* Name	Catalog Number
✓ Calcium acetate, United States Pharmacopeia (USP) Reference Standard	1086334-1G
✓ Calcium ascorbate, United States Pharmacopeia (USP) Reference Standard	1086356-200MG
Calcium ascorbate - reference spectrum, European Pharmacopoeia (EP)	C0249000
✓ Calcium benzoate, United States Pharmacopeia (USP) Reference Standard	1086378-200MG
✓ Calcium Carbonate (AS), United States Pharmacopeia (USP) Reference Standard	1086403-1G
✓ Calcium chloride, United States Pharmacopeia (USP) Reference Standard	1086436-1G
✓ Calcium cyclamate, United States Pharmacopeia (USP) Reference Standard	1086447-200MG
Calcium folinate, European Pharmacopoeia (EP) Reference Standard	C0250000
✓ Calcium gluceptate, United States Pharmacopeia (USP) Reference Standard	1086800-200MG
Calcium glucoheptonate, European Pharmacopoeia (EP) Reference Standard	C0299000
Calcium gluconate, European Pharmacopoeia (EP) Reference Standard	C0300000
✓ Calcium gluconate anhydrous, United States Pharmacopeia (USP) Reference Standard	1086822-200MG
✓ Calcium gluconate monohydrate, United States Pharmacopeia (USP) Reference Standard	1086833-200MG
✓ Calcium hydroxide, United States Pharmacopeia (USP) Reference Standard	1086855-1G
✓ Calcium (-)-hydroxycitrate, United States Pharmacopeia (USP) Reference Standard	1086866-150MG
✓ Calcium lactate, United States Pharmacopeia (USP) Reference Standard	1086888-1G
✓ Calcium lactobionate, United States Pharmacopeia (USP) Reference Standard	1086902-200MG
✓ Calcium levulinate, United States Pharmacopeia (USP) Reference Standard, monograph mol wt. 306.32 (C ₁₀ H ₁₄ CaO ₆ · 2H ₂ O)	1086935-1G
Calcium levulinate dihydrate, European Pharmacopoeia (EP) Reference Standard	C0340000
✓ Calcium lignosulfonate, United States Pharmacopeia (USP) Reference Standard	1086957-2G
✓ Calcium <i>D,L</i> -5-methyltetrahydrofolate, United States Pharmacopeia (USP) Reference Standard	1379081-300MG
Calcium oxalate monohydrate, European Pharmacopoeia (EP) Reference Standard	C0350000
Calcium pantothenate, European Pharmacopoeia (EP) Reference Standard	C0400000
✓ Calcium Pantothenate, United States Pharmacopeia (USP) Reference Standard	1087009-200MG
✓ Calcium saccharate, United States Pharmacopeia (USP) Reference Standard	1087202-200MG
✓ Calcium stearate, United States Pharmacopeia (USP) Reference Standard	1087359-2G
✓ Calcium succinate, United States Pharmacopeia (USP) Reference Standard	1087360-200MG
✓ Calcium sulfate, United States Pharmacopeia (USP) Reference Standard	1087406-1G
✓ Calycosin, United States Pharmacopeia (USP) Reference Standard	1087472-50MG
✓ Calycosin 7-O-β-D-glucopyranoside, United States Pharmacopeia (USP) Reference Standard	1087483-50MG
✓ Camphor, United States Pharmacopeia (USP) Reference Standard	1087508-1G
Camphor (racemic), European Pharmacopoeia (EP) Reference Standard	C0405000
✓ <i>D</i> -Camphor sulfonic acid, United States Pharmacopeia (USP) Reference Standard	1087520-100MG
✓ Candelilla wax, United States Pharmacopeia (USP) Reference Standard	1087701-250MG
Candesartan cilexetil, European Pharmacopoeia (EP) Reference Standard	Y0001388

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Candesartan cilexetil, United States Pharmacopeia (USP) Reference Standard	1087803-100MG
Candesartan cilexetil for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001387
Candesartan cilexetil for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001389
✓ Candesartan cilexetil Related Compound A, United States Pharmacopeia (USP) Reference Standard	1087814-10MG
✓ Candesartan cilexetil Related Compound B, United States Pharmacopeia (USP) Reference Standard	1087825-10MG
✓ Candesartan cilexetil Related Compound D, United States Pharmacopeia (USP) Reference Standard	1087847-10MG
✓ Candesartan cilexetil Related Compound F, United States Pharmacopeia (USP) Reference Standard	1087869-10MG
✓ Candesartan cilexetil Related Compound G, United States Pharmacopeia (USP) Reference Standard	1087870-10MG
✓ Canola oil, United States Pharmacopeia (USP) Reference Standard	1090150-1G
Canrenone, European Pharmacopoeia (EP) Reference Standard	C0410000
Capecitabine, European Pharmacopoeia (EP) Reference Standard	Y0001642
✓ Capecitabine, United States Pharmacopeia (USP) Reference Standard	1090706-200MG
Capecitabine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001643
Capecitabine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001644
Capecitabine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001645
✓ Capecitabine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1090717-10MG
✓ Capecitabine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1090728-20MG
✓ Capecitabine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1090739-10MG
✓ Capreomycin sulfate, United States Pharmacopeia (USP) Reference Standard	1091006-250MG
✓ Capric alcohol, United States Pharmacopeia (USP) Reference Standard	1091028-5X30MG
Caprylic acid, European Pharmacopoeia (EP) Reference Standard	C0426000
✓ Caprylic acid, United States Pharmacopeia (USP) Reference Standard	1091040-300MG
✓ Caprylocaproyl polyoxyglycerides, United States Pharmacopeia (USP) Reference Standard	1091505-200MG
✓ Capsaicin, United States Pharmacopeia (USP) Reference Standard	1091108-100MG
Capsaicin, European Pharmacopoeia (EP) Reference Standard	Y0000671
✓ Captopril, United States Pharmacopeia (USP) Reference Standard	1091200-200MG
Captopril, European Pharmacopoeia (EP) Reference Standard	C0430000
✓ Captopril disulfide, United States Pharmacopeia (USP) Reference Standard	1091221-100MG
Captopril for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001182
Captopril impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001219
Captopril impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001220
Captopril impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001221
Captopril impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000435
Captopril impurity J, European Pharmacopoeia (EP) Reference Standard	Y0001450
Carbachol, European Pharmacopoeia (EP) Reference Standard	Y0000113

* Name	Catalog Number
✓ Carbachol, United States Pharmacopeia (USP) Reference Standard	1092009-200MG
✓ Carbamazepine, United States Pharmacopeia (USP) Reference Standard	1093001-100MG
Carbamazepine, European Pharmacopoeia (EP) Reference Standard	C0450000
Carbamazepine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000033
✓ Carbamazepine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1093012-30MG
✓ Carbamazepine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1093023-50MG
✓ Carbarosone, United States Pharmacopeia (USP) Reference Standard	1093205-200MG
Carbasalate calcium - reference spectrum, European Pharmacopoeia (EP)	C0451000
Carbasalate impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001161
✓ Carbenicillin indanyl sodium, United States Pharmacopeia (USP) Reference Standard	1093500-300MG
✓ Carbenicillin monosodium monohydrate, United States Pharmacopeia (USP) Reference Standard	1094004-200MG
Carbenicillin sodium, European Pharmacopoeia (EP) Reference Standard	C0455000
✓ Carbidoopa, United States Pharmacopeia (USP) Reference Standard	1095506-400MG
Carbidopa, European Pharmacopoeia (EP) Reference Standard	C0460000
Carbidopa for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001713
Carbidopa impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001716
✓ Carbidopa Related Compound A, United States Pharmacopeia (USP) Reference Standard	1095517-25MG
Carbimazole, European Pharmacopoeia (EP) Reference Standard	C0465000
✓ Carbinoxamine maleate, United States Pharmacopeia (USP) Reference Standard	1096000-200MG
Carbocysteine, European Pharmacopoeia (EP) Reference Standard	C0470000
Carbon dioxide - reference spectrum, European Pharmacopoeia (EP)	C0499900
✓ Carboplatin, United States Pharmacopeia (USP) Reference Standard	1096407-100MG
Carboplatin - reference spectrum, European Pharmacopoeia (EP)	C0550000
Carboprost trometamol, European Pharmacopoeia (EP) Reference Standard	Y0000475
Carboprost trometamol - reference spectrum, European Pharmacopoeia (EP)	Y0000536
✓ Carboprost tromethamine, United States Pharmacopeia (USP) Reference Standard	1096509-30MG
✓ Carboxymethylcellulose sodium, United States Pharmacopeia (USP) Reference Standard	1096553-1.5G
✓ Carboxymethylcellulose calcium, United States Pharmacopeia (USP) Reference Standard	1096531-1.5G
✓ Carisoprodol, United States Pharmacopeia (USP) Reference Standard	1096600-1G
Carisoprodol impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000036
✓ Carisoprodol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1096597-10MG
Carmellose, European Pharmacopoeia (EP) Reference Standard	Y0001214
✓ Carmellose, United States Pharmacopeia (USP) Reference Standard	1096611-500MG
✓ Carmustine, United States Pharmacopeia (USP) Reference Standard	1096724-75MG
Carmustine impurity A, European Pharmacopoeia (EP) Reference Standard	C0580010

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Carmustine - reference spectrum, European Pharmacopoeia (EP)	C0580004
✓ Carmustine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1096735-25MG
✓ Carnosic acid, United States Pharmacopoeia (USP) Reference Standard	1096746-20MG
Carprofen, European Pharmacopoeia (EP) Reference Standard	Y0000846
✓ Carprofen, United States Pharmacopoeia (USP) Reference Standard	1096699-200MG
Carprofen for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000884
✓ Carprofen Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1096702-50MG
✓ Carteolol hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1096757-200MG
Carteolol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000193
Carteolol hydrochloride - reference spectrum, European Pharmacopoeia (EP)	Y0000192
✓ Carvedilol, United States Pharmacopoeia (USP) Reference Standard	1096622-200MG
Carvedilol, European Pharmacopoeia (EP) Reference Standard	Y0001427
Carvedilol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001426
Carvedilol impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000103-10MG Y0000103
✓ Carvedilol Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1096633-15MG
✓ Carvedilol Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1096644-15MG
✓ Carvedilol Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1096655-20MG
✓ Carvedilol Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1096666-15MG
✓ Carvedilol Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1096677-15MG
✓ Carvedilol System Suitability Mixture, United States Pharmacopoeia (USP) Reference Standard	1096688-25MG
Casein BRP, European Pharmacopoeia (EP) Reference Standard	C0600000
✓ Casticin, United States Pharmacopoeia (USP) Reference Standard	1096779-25MG
✓ (+)-Catechin, United States Pharmacopoeia (USP) Reference Standard	1096790-25MG
✓ Cathinone hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1096804-50MG
Cefaclor, European Pharmacopoeia (EP) Reference Standard	C0630000
✓ Cefaclor, United States Pharmacopoeia (USP) Reference Standard	1096906-400MG
✓ Cefaclor, Delta-3 isomer, United States Pharmacopoeia (USP) Reference Standard	1096917-15MG
✓ Cefadroxil, United States Pharmacopoeia (USP) Reference Standard	1097104-200MG
Cefadroxil, European Pharmacopoeia (EP) Reference Standard	C0650000
✓ Cefadroxil Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1097126-25MG
✓ Cefadroxil Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1097148-25MG
✓ Cefadroxil Related Compound I, United States Pharmacopoeia (USP) Reference Standard	1097192-25MG
✓ Cefadroxil System Suitability Mixture, United States Pharmacopoeia (USP) Reference Standard	1096994-25MG
Cefalotin for impurity B identification, European Pharmacopoeia (EP) Reference Standard	Y0000505
Cefalotin sodium, European Pharmacopoeia (EP) Reference Standard	C0682000

* Name	Catalog Number
✓ Cefamandole lithium, United States Pharmacopoeia (USP) Reference Standard	1097308-200MG
Cefamandole nafate, European Pharmacopoeia (EP) Reference Standard	C0682300
✓ Cefamandole nafate, United States Pharmacopoeia (USP) Reference Standard	1097400-250MG
Cefapirin sodium, European Pharmacopoeia (EP) Reference Standard	Y0000240
Cefatrizine impurity A, European Pharmacopoeia (EP) Reference Standard	C0682410
Cefatrizine propylene glycol, European Pharmacopoeia (EP) Reference Standard	C0682400
✓ Cefazolin, United States Pharmacopoeia (USP) Reference Standard	1097603-200MG
Cefazolin, European Pharmacopoeia (EP) Reference Standard	C0682800
✓ Cefdinir, United States Pharmacopoeia (USP) Reference Standard	1097614-300MG
✓ Cefdinir Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1097625-10MG
✓ Cefdinir Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1097589-10MG
✓ Cefditoren pivoxil, United States Pharmacopoeia (USP) Reference Standard	1097590-350MG
Cefepime dihydrochloride monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000633
Cefepime dihydrochloride monohydrate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000634
✓ Cefepime hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1097636-500MG
Cefepime impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001336
✓ Cefepime Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1097680-20MG
✓ Cefepime Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1097691-20MG
✓ Cefetamet, United States Pharmacopoeia (USP) Reference Standard	1097727-15MG
Cefixime, European Pharmacopoeia (EP) Reference Standard	C0684000
✓ Cefmenoxime hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1097771-350MG
✓ Cefmetazole, United States Pharmacopoeia (USP) Reference Standard	1097782-200MG
✓ Cefonicid sodium, United States Pharmacopoeia (USP) Reference Standard	1097750-1G
Cefoperazone dihydrate, European Pharmacopoeia (EP) Reference Standard	C0684750
✓ Cefoperazone dihydrate, United States Pharmacopoeia (USP) Reference Standard	1097705-200MG
Cefoperazone sodium - reference spectrum, European Pharmacopoeia (EP)	C0684800
✓ Ceforanide, United States Pharmacopoeia (USP) Reference Standard	1097807-200MG
Cefotaxime acid, European Pharmacopoeia (EP) Reference Standard	Y0000420
Cefotaxime for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000506
✓ Cefotaxime Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1097953-15MG
Cefotaxime sodium, European Pharmacopoeia (EP) Reference Standard	C0685000
✓ Cefotaxime sodium, United States Pharmacopoeia (USP) Reference Standard	1097909-500MG
✓ Cefotetan, United States Pharmacopoeia (USP) Reference Standard	1097975-500MG
✓ Cefotiam hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1098005-350MG
✓ Cefoxitin, United States Pharmacopoeia (USP) Reference Standard	1098107-500MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Cefoxitin sodium, European Pharmacopoeia (EP) Reference Standard	C0688000
Cefoxitin sodium for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001496
✓ Cefpiramide, United States Pharmacopeia (USP) Reference Standard	1098118-300MG
✓ Cefpodoxime proxetil, United States Pharmacopeia (USP) Reference Standard	1098027-350MG
Cefpodoxime proxetil, European Pharmacopoeia (EP) Reference Standard	Y0001305
Cefpodoxime proxetil for impurity H identification, European Pharmacopoeia (EP) Reference Standard	Y0001318
Cefpodoxime proxetil for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001306
✓ Cefprozil, United States Pharmacopeia (USP) Reference Standard	1098062-200MG
Cefprozil, European Pharmacopoeia (EP) Reference Standard	Y0001371
✓ Cefprozil L-Epimer, United States Pharmacopeia (USP) Reference Standard	1097997-30MG
Cefprozil for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001367
Cefprozil impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001372
Cefprozil impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001368
✓ Cefprozil (Z)-Isomer, United States Pharmacopeia (USP) Reference Standard	1098050-200MG
✓ Cefprozil (E)-Isomer, United States Pharmacopeia (USP) Reference Standard	1098049-50MG
✓ Cefprozil Related Compound D, United States Pharmacopeia (USP) Reference Standard	1097986-30MG
✓ Cefprozil Related Compound H, United States Pharmacopeia (USP) Reference Standard	1098016-30MG
✓ Cefprozil Related Compound K, United States Pharmacopeia (USP) Reference Standard	1098038-30MG
Cefradine, European Pharmacopoeia (EP) Reference Standard	C0690000
Cefradine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000568
Cefradine impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001174
Ceftazidime, European Pharmacopoeia (EP) Reference Standard	C0690500
✓ Ceftazidime pentahydrate, United States Pharmacopeia (USP) Reference Standard	1098130-300MG
✓ Ceftazidime, Delta-3-Isomer, United States Pharmacopeia (USP) Reference Standard	1098129-15MG
Ceftazidime for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001111
✓ Ceftriaxone sodium, United States Pharmacopeia (USP) Reference Standard	1098082-100MG
✓ Ceftriaxone sodium, United States Pharmacopeia (USP) Reference Standard	1098173-350MG
Ceftriaxone impurity A, European Pharmacopoeia (EP) Reference Standard	C0692000
✓ Ceftriaxone sodium, United States Pharmacopeia (USP) Reference Standard	1098184-350MG
Ceftriaxone sodium, European Pharmacopoeia (EP) Reference Standard	C0691000
✓ Ceftriaxone sodium E-isomer, United States Pharmacopeia (USP) Reference Standard	1098195-25MG
✓ Cefuroxime Axetil, United States Pharmacopeia (USP) Reference Standard	1098220-350MG
Cefuroxime Axetil, European Pharmacopoeia (EP) Reference Standard	C0694990
✓ Cefuroxime Axetil Delta-3-Isomers, United States Pharmacopeia (USP) Reference Standard	1098231-10MG
✓ Cefuroxime Axetil E-isomers, United States Pharmacopeia (USP) Reference Standard	1098253-15MG

* Name	Catalog Number
✓ Cefuroxime sodium, United States Pharmacopeia (USP) Reference Standard	1098209-200MG
Cefuroxime sodium, European Pharmacopoeia (EP) Reference Standard	C0695000
Celecoxib, European Pharmacopoeia (EP) Reference Standard	Y0001445
✓ Celecoxib, United States Pharmacopeia (USP) Reference Standard	1098504-200MG
Celecoxib impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001446
Celecoxib impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001447
✓ Celecoxib Related Compound A, United States Pharmacopeia (USP) Reference Standard	1098515-10MG
✓ Celecoxib Related Compound B, United States Pharmacopeia (USP) Reference Standard	1098526-10MG
Celiprolol hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000311
Celiprolol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000239
Celiprolol impurity I, European Pharmacopoeia (EP) Reference Standard	Y0000312
✓ Cellaburate, United States Pharmacopeia (USP) Reference Standard	1098322-350MG
✓ Cellacefate, United States Pharmacopeia (USP) Reference Standard	1098355-125MG
Cellulose acetate, European Pharmacopoeia (EP) Reference Standard	Y0000784
✓ Cellulose acetate, United States Pharmacopeia (USP) Reference Standard	1098300-125MG
Cellulose acetate butyrate, European Pharmacopoeia (EP) Reference Standard	Y0001585
Cellulose acetate butyrate - reference spectrum, European Pharmacopoeia (EP)	C0698005
Cellulose acetate phthalate, European Pharmacopoeia (EP) Reference Standard	Y0001054
Centella dry extract, European Pharmacopoeia (EP) Reference Standard	Y0001764
✓ Cephaeline hydrobromide, United States Pharmacopeia (USP) Reference Standard	1098708-200MG
Cephaeline hydrochloride, European Pharmacopoeia (EP) Reference Standard	C0700000
✓ Cephalixin, United States Pharmacopeia (USP) Reference Standard	1099008-400MG
Cephalixin monohydrate, European Pharmacopoeia (EP) Reference Standard	C0675000
✓ Cephalixin Related Compound D, United States Pharmacopeia (USP) Reference Standard	1099041-25MG
✓ Cephalixin Related Compound F, United States Pharmacopeia (USP) Reference Standard	1099063-25MG
✓ Cephalothin sodium, United States Pharmacopeia (USP) Reference Standard	1102000-200MG
✓ Cephapirin sodium, United States Pharmacopeia (USP) Reference Standard	1102500-500MG
✓ Cephapirin benzathine, United States Pharmacopeia (USP) Reference Standard	1102408-100MG
✓ Cephadrine, United States Pharmacopeia (USP) Reference Standard	1102805-200MG
Cetirizine dihydrochloride, European Pharmacopoeia (EP) Reference Standard	C0980650
✓ Cetirizine dihydrochloride, United States Pharmacopeia (USP) Reference Standard	1102929-250MG
Cetirizine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001197
Cetirizine impurity A, European Pharmacopoeia (EP) Reference Standard	C0980651
✓ Cetirizine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1102930-20MG
✓ Cetirizine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1102941-25MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Cetirizine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1102952-25MG
Cetostearyl isonanoate - reference spectrum, European Pharmacopoeia (EP)	C0984100
✓ Cetrimeronium bromide, United States Pharmacopeia (USP) Reference Standard	1102974-1G
✓ Cetyl alcohol, United States Pharmacopeia (USP) Reference Standard	1103003-100MG
Cetyl alcohol, European Pharmacopoeia (EP) Reference Standard	C0990000
✓ Cetyl palmitate, United States Pharmacopeia (USP) Reference Standard	1103105-50MG
Cetyl palmitate 15, European Pharmacopoeia (EP) Reference Standard	Y0000073
Cetyl palmitate 95, European Pharmacopoeia (EP) Reference Standard	Y0000074
Cetylpyridinium chloride, European Pharmacopoeia (EP) Reference Standard	C1000000
✓ Cetylpyridinium chloride, United States Pharmacopeia (USP) Reference Standard	1104006-500MG
Chenodeoxycholic acid, European Pharmacopoeia (EP) Reference Standard	C1050000
✓ Chicoric Acid, United States Pharmacopeia (USP) Reference Standard	1105315-20MG
✓ Chitosan, United States Pharmacopeia (USP) Reference Standard	1105508-500MG
Chlorambucil, European Pharmacopoeia (EP) Reference Standard	C1100000
Chlorambucil for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001298
Chlorambucil with impurity G, European Pharmacopoeia (EP) Reference Standard	Y0001299
Chloramphenicol, European Pharmacopoeia (EP) Reference Standard	C1200000
✓ Chloramphenicol, United States Pharmacopeia (USP) Reference Standard	1107004-200MG
Chloramphenicol dipalmitate, European Pharmacopoeia (EP) Reference Standard	C1300000
Chloramphenicol disodium disuccinate, European Pharmacopoeia (EP) Reference Standard	C1350000
✓ Chloramphenicol palmitate, United States Pharmacopeia (USP) Reference Standard	1107300-200MG
Chloramphenicol palmitate isomer, European Pharmacopoeia (EP) Reference Standard	C1400000
✓ Chloramphenicol palmitate nonpolymorph A, United States Pharmacopeia (USP) Reference Standard	1107401-200MG
✓ Chloramphenicol palmitate polymorph A, United States Pharmacopeia (USP) Reference Standard	1107503-100MG
Chloramphenicol sodium succinate, European Pharmacopoeia (EP) Reference Standard	C1425000
Chlorcyclizine hydrochloride, European Pharmacopoeia (EP) Reference Standard	C1435000
✓ Chlordiazepoxide	1109000-200MG
Chlordiazepoxide hydrochloride, European Pharmacopoeia (EP) Reference Standard	C1500000
✓ Chlordiazepoxide hydrochloride, United States Pharmacopeia (USP) Reference Standard	1110009-200MG
Chlordiazepoxide impurity A	Y0000476
✓ Chlordiazepoxide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1110020-25MG
Chlorhexidine, European Pharmacopoeia (EP) Reference Standard	C1510000
✓ Chlorhexidine, United States Pharmacopeia (USP) Reference Standard	1111001-200MG
Chlorhexidine dihydrochloride, European Pharmacopoeia (EP) Reference Standard	C1540000
✓ Chlorhexidine acetate, United States Pharmacopeia (USP) Reference Standard	1111103-200MG
Chlorhexidine diacetate, European Pharmacopoeia (EP) Reference Standard	C1520000

* Name	Catalog Number
Chlorhexidine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001545
✓ Chlorhexidine System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1111012-50MG
Chlormadinone acetate, European Pharmacopoeia (EP) Reference Standard	Y0001653
Chlormadinone Acetate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001638
Chlormadinone acetate impurity G, European Pharmacopoeia (EP) Reference Standard	Y0001656
✓ <i>p</i> -Chloroaniline, United States Pharmacopeia (USP) Reference Standard	1111908-200MG
✓ Chlorobenzhydryl Piperazine, United States Pharmacopeia (USP) Reference Standard	1112311-75MG
✓ 3-Chlorobenzoic acid, United States Pharmacopeia (USP) Reference Standard	1112299-25MG
✓ 4-Chlorobenzophenone, United States Pharmacopeia (USP) Reference Standard	1112467-30MG
✓ Chlorobutanol, United States Pharmacopeia (USP) Reference Standard	1112503-200MG
3'-Chloro-3'-deoxythymidine, European Pharmacopoeia (EP) Reference Standard	Z1904000
Chlorogenic acid, European Pharmacopoeia (EP) Reference Standard	Y0000569
✓ Chlorogenic acid, United States Pharmacopeia (USP) Reference Standard	1115545-50MG
✓ β -Chlorogenin, United States Pharmacopeia (USP) Reference Standard	1115556-20MG
✓ Chloromethyl isopropyl carbonate, United States Pharmacopeia (USP) Reference Standard	1115705-100MG
✓ <i>N</i> -{1-[1-(4-Chlorophenyl)cyclobutyl]-3-methylbutyl}- <i>N</i> -methylamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1612889-20MG
✓ Chlorophyll A, United States Pharmacopeia (USP) Reference Standard	1116774-15MG
✓ Chloroprocaine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1117008-200MG
✓ Chloroquine phosphate, United States Pharmacopeia (USP) Reference Standard	1118000-500MG
✓ Chloroquine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1118328-25MG
✓ Chloroquine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1118350-15MG
✓ Chloroquine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1118361-15MG
✓ Chloroquine Related Compound G, United States Pharmacopeia (USP) Reference Standard	1118394-15MG
Chloroquine sulfate, European Pharmacopoeia (EP) Reference Standard	C1650000
✓ Chloroquine sulfate, United States Pharmacopeia (USP) Reference Standard	1118317-500MG
✓ Chlorothiazide, United States Pharmacopeia (USP) Reference Standard	1121005-200MG
Chlorothiazide, European Pharmacopoeia (EP) Reference Standard	C1700000
✓ Chloroxylenol, United States Pharmacopeia (USP) Reference Standard	1122700-125MG
✓ Chloroxylenol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1122722-25MG
Chlorphenamine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000436
Chlorphenamine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000437
Chlorphenamine maleate, European Pharmacopoeia (EP) Reference Standard	C1800000
✓ Chlorpheniramine maleate, United States Pharmacopoeia (USP) Reference Standard	1123000-125MG
✓ Chlorpheniramine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1123135-25MG
✓ Chlorpheniramine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1123146-10MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Chlorphenoxamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1124003-200MG
Chlorpromazine hydrochloride, European Pharmacopoeia (EP) Reference Standard	C1900000
✓ Chlorpromazine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1125006-200MG
Chlorpromazine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000507
Chlorpromazine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000479
Chlorpromazine impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000508
Chlorpromazine impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001449
Chlorpropamide, European Pharmacopoeia (EP) Reference Standard	C1905000
✓ Chlorpropamide, United States Pharmacopeia (USP) Reference Standard	1126009-200MG
Chlorpropamide impurity B, European Pharmacopoeia (EP) Reference Standard	C1905020
Chlorprothixene hydrochloride, European Pharmacopoeia (EP) Reference Standard	C1915000
Chlortalidone for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000779
Chlortetracycline hydrochloride, European Pharmacopoeia (EP) Reference Standard	C2000000
✓ Chlortetracycline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1129007-200MG
Chlortetracycline for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001451
Chlorthalidone, European Pharmacopoeia (EP) Reference Standard	C1950000
✓ Chlorthalidone, United States Pharmacopeia (USP) Reference Standard	1130006-200MG
✓ Chlorthalidone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1119309-10MG
✓ Chlorzoxazone, United States Pharmacopeia (USP) Reference Standard	1130505-350MG
✓ Chlorzoxazone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1130527-50MG
Cholecalciferol, European Pharmacopoeia (EP) Reference Standard	C2100000
✓ Cholecalciferol, United States Pharmacopeia (USP) Reference Standard	1131009-5X30MG
Cholecalciferol for system suitability, European Pharmacopoeia (EP) Reference Standard	C2150000
Cholesterol, European Pharmacopoeia (EP) Reference Standard	C2155000
✓ Cholesterol, United States Pharmacopeia (USP) Reference Standard	1131960-125MG
✓ Cholesteryl caprylate, United States Pharmacopeia (USP) Reference Standard	1132001-200MG
✓ Cholestyramine resin, United States Pharmacopeia (USP) Reference Standard	1133004-500MG
Cholic acid, European Pharmacopoeia (EP) Reference Standard	C2158000
✓ Cholic acid, United States Pharmacopeia (USP) Reference Standard	1133503-2G
✓ Choline bitartrate, United States Pharmacopeia (USP) Reference Standard	1133536-200MG
✓ Choline chloride, United States Pharmacopeia (USP) Reference Standard	1133547-200MG 1154569-500MG 1133547-500MG
✓ Chondroitin sulfate sodium, United States Pharmacopeia (USP) Reference Standard	1133570-300MG
Chondroitin sulfate sodium, European Pharmacopoeia (EP) Reference Standard	Y0000280
Chondroitin sulfate sodium (marine), European Pharmacopoeia (EP) Reference Standard	Y0000593
✓ Chromium picolinate, United States Pharmacopeia (USP) Reference Standard	1133638-100MG

* Name	Catalog Number
Chymotrypsin, BRP, European Pharmacopoeia (EP) Reference Standard	C2160000
✓ Chymotrypsin, United States Pharmacopeia (USP) Reference Standard	1134007-300MG
Ciclesonide, European Pharmacopoeia (EP) Reference Standard	Y0001553
Ciclesonide containing impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001554
Ciclesonide impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001555
Ciclesonide impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001556
Ciclopirox, European Pharmacopoeia (EP) Reference Standard	Y0000040
✓ Ciclopirox, United States Pharmacopeia (USP) Reference Standard	1134018-50MG
Ciclopirox impurity A, European Pharmacopoeia (EP) Reference Standard	C2162701
Ciclopirox impurity B, European Pharmacopoeia (EP) Reference Standard	C2162702
Ciclopirox olamine, European Pharmacopoeia (EP) Reference Standard	C2162700
✓ Ciclopirox olamine, United States Pharmacopeia (USP) Reference Standard	1134030-125MG
✓ Ciclopirox Related Compound A, United States Pharmacopeia (USP) Reference Standard	1134029-25MG
✓ Ciclopirox Related Compound B, United States Pharmacopeia (USP) Reference Standard	1134040-25MG
✓ Ciclopirox Related Compound C, United States Pharmacopeia (USP) Reference Standard	1134084-10MG
Ciclosporin, European Pharmacopoeia (EP) Reference Standard	C2163000
Ciclosporin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000361
✓ Cilastatin ammonium salt, United States Pharmacopeia (USP) Reference Standard	1134051-100MG
Cilastatin for system suitability 1, European Pharmacopoeia (EP) Reference Standard	Y0001651
Cilastatin for system suitability 2, European Pharmacopoeia (EP) Reference Standard	Y0001652
Cilastatin sodium, European Pharmacopoeia (EP) Reference Standard	C2170000
Cilazapril, European Pharmacopoeia (EP) Reference Standard	C2174000
Cilazapril impurity A, European Pharmacopoeia (EP) Reference Standard	C2174002
Cilazapril impurity D, European Pharmacopoeia (EP) Reference Standard	C2174005
✓ Cilostazol, United States Pharmacopeia (USP) Reference Standard	1134153-200MG
✓ Cilostazol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1134164-50MG
✓ Cilostazol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1134175-50MG
✓ Cilostazol Related Compound C, United States Pharmacopeia (USP) Reference Standard	1134186-50MG
✓ Cimetidine, United States Pharmacopeia (USP) Reference Standard	1134062-200MG
Cimetidine, European Pharmacopoeia (EP) Reference Standard	C2175000
✓ Cimetidine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1134073-200MG
Cimetidine hydrochloride, European Pharmacopoeia (EP) Reference Standard, European Pharmacopoeia (EP) Reference Standard	C2175500
Cimetidine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001130
Cimetidine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001146
Cinchocaine hydrochloride, European Pharmacopoeia (EP) Reference Standard	C2177000

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Cineole, European Pharmacopoeia (EP) Reference Standard	Y0000176
✓ Cinnamic acid, United States Pharmacopeia (USP) Reference Standard	1133933-100MG
Cinnarizine, European Pharmacopoeia (EP) Reference Standard	C2180000
Ciprofibrate, European Pharmacopoeia (EP) Reference Standard	Y0000362
Ciprofibrate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000363
Ciprofloxacin, European Pharmacopoeia (EP) Reference Standard	Y0000198
✓ Ciprofloxacin, United States Pharmacopeia (USP) Reference Standard	1134313-200MG
✓ Ciprofloxacin Ethylenediamine Analog, United States Pharmacopeia (USP) Reference Standard	1134324-25MG
✓ Ciprofloxacin formamide, United States Pharmacopeia (USP) Reference Standard	1134459-125MG
✓ Ciprofloxacin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1134335-400MG
Ciprofloxacin hydrochloride, European Pharmacopoeia (EP) Reference Standard	C2190000
Ciprofloxacin hydrochloride for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000199
Ciprofloxacin impurity A, European Pharmacopoeia (EP) Reference Standard	C2190050
✓ Ciprofloxacin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1134346-25MG
✓ Cisapride, United States Pharmacopeia (USP) Reference Standard	1134120-200MG
Cisatracurium besilate, European Pharmacopoeia (EP) Reference Standard	Y0001766
✓ Cisatracurium besilate, United States Pharmacopeia (USP) Reference Standard	1134118-350MG
✓ Cisatracurium Besylate System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1134131-20MG
Cisplatin, European Pharmacopoeia (EP) Reference Standard	C2210000
✓ Cisplatin, United States Pharmacopeia (USP) Reference Standard	1134357-100MG
Cisplatin impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001018
Cisplatin impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001019
✓ Citalopram hydrobromide, United States Pharmacopeia (USP) Reference Standard	1134233-200MG
Citalopram hydrobromide, European Pharmacopoeia (EP) Reference Standard	Y0001008
Citalopram hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001007
Citalopram for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000855
✓ R-Citalopram oxalate, United States Pharmacopeia (USP) Reference Standard	1134142-10MG
✓ Citalopram Related Compound A, United States Pharmacopeia (USP) Reference Standard	1134244-25MG
✓ Citalopram Related Compound B, United States Pharmacopeia (USP) Reference Standard	1134255-25MG
✓ Citalopram Related Compound C, United States Pharmacopeia (USP) Reference Standard	1134266-25MG
✓ Citalopram Related Compound D, United States Pharmacopeia (USP) Reference Standard	1134277-15MG
✓ Citalopram Related Compound E, United States Pharmacopeia (USP) Reference Standard	1134288-25MG
✓ Citalopram Related Compound F, United States Pharmacopeia (USP) Reference Standard	1134299-200MG
✓ Citalopram Related Compound G, United States Pharmacopeia (USP) Reference Standard	1134197-25MG
✓ Citalopram Related Compound H, United States Pharmacopeia (USP) Reference Standard	1134222-25MG

* Name	Catalog Number
✓ Citric acid, United States Pharmacopeia (USP) Reference Standard	1134368-200MG
Citric acid, anhydrous, European Pharmacopoeia (EP) Reference Standard	A1202000
Citric acid monohydrate, European Pharmacopoeia (EP) Reference Standard	C2219000
Cladribine, European Pharmacopoeia (EP) Reference Standard	Y0000639
✓ Cladribine, United States Pharmacopeia (USP) Reference Standard	1134200-200MG
Cladribine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000609
Cladribine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000610
✓ Cladribine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1134211-20MG
✓ Clarithromycin, United States Pharmacopeia (USP) Reference Standard	1134379-100MG
Clarithromycin, European Pharmacopoeia (EP) Reference Standard	Y0000320
Clarithromycin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000321
✓ Clarithromycin Identity, United States Pharmacopeia (USP) Reference Standard	1134390-10MG
✓ Clarithromycin Impurity D, United States Pharmacopeia (USP) Reference Standard	1134619-10MG
✓ Clarithromycin Impurity H, United States Pharmacopeia (USP) Reference Standard	1134620-10MG
✓ Clarithromycin Impurity Q, United States Pharmacopeia (USP) Reference Standard	1134631-10MG
✓ Clarithromycin Impurity R, United States Pharmacopeia (USP) Reference Standard	1134642-10MG
✓ Clarithromycin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1134380-50MG
✓ Clavam-2-carboxylate potassium, United States Pharmacopeia (USP) Reference Standard	1134404-4UG
✓ Clavulanate Lithium, United States Pharmacopeia (USP) Reference Standard	1134426-200MG
Clazuril, European Pharmacopoeia (EP) Reference Standard	Y0001193
Clazuril for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000269
Clebopride malate, European Pharmacopoeia (EP) Reference Standard	C2221000
Clemastine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001613
Clemastine fumarate, European Pharmacopoeia (EP) Reference Standard	C2223000
✓ Clemastine fumarate, United States Pharmacopeia (USP) Reference Standard	1134506-250MG
Clenbuterol hydrochloride, European Pharmacopoeia (EP) Reference Standard	C2248000
✓ Clenbuterol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1134674-100MG
Clenbuterol impurity B, European Pharmacopoeia (EP) Reference Standard	C2248010
✓ Clenbuterol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1134696-10MG
✓ Clidinium bromide, United States Pharmacopeia (USP) Reference Standard	1135000-500MG
✓ Clidinium bromide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1135021-250MG
✓ Climbazole, United States Pharmacopeia (USP) Reference Standard	1135600-400MG
Clindamycin hydrochloride, European Pharmacopoeia (EP) Reference Standard	C2250000
✓ Clindamycin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1136002-200MG
✓ Clindamycin palmitate hydrochloride, United States Pharmacopeia (USP) Reference Standard	1137005-500MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Clindamycin phosphate, United States Pharmacopeia (USP) Reference Standard	1138008-300MG
Clindamycin phosphate, European Pharmacopoeia (EP) Reference Standard	C2269000
Clindamycin phosphate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001680
Clioquinol, European Pharmacopoeia (EP) Reference Standard	Y0000364-5MG Y0000364
✓ Clioquinol, United States Pharmacopeia (USP) Reference Standard	1138201-500MG
Clobazam - reference spectrum, European Pharmacopoeia (EP)	Y0000205
Clobetasol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000570
Clobetasol impurity J, European Pharmacopoeia (EP) Reference Standard	Y0000571
✓ Clobetasol propionate, United States Pharmacopeia (USP) Reference Standard	1138405-200MG
Clobetasol propionate, European Pharmacopoeia (EP) Reference Standard	Y0000559
Clobetasone butyrate, European Pharmacopoeia (EP) Reference Standard	C2285000
Clobetasone butyrate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001137
✓ Cloacortolone pivalate, United States Pharmacopeia (USP) Reference Standard	1138507-200MG
Clodronate disodium tetrahydrate, European Pharmacopoeia (EP) Reference Standard	Y0000888
Clodronate impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000885
Clofazimine, European Pharmacopoeia (EP) Reference Standard	Y0000313
✓ Clofazimine, United States Pharmacopeia (USP) Reference Standard	1138904-200MG
Clofazimine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000358
✓ Clofazimine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1138926-25MG
Clofibrate, European Pharmacopoeia (EP) Reference Standard	C2300000
✓ Clofibrate, United States Pharmacopeia (USP) Reference Standard	1139000-1G
Clomifene citrate, European Pharmacopoeia (EP) Reference Standard	C2320000
Clomifene citrate for performance test, European Pharmacopoeia (EP) Reference Standard	C2332000
✓ Clomiphene citrate, United States Pharmacopeia (USP) Reference Standard	1140000-500MG
✓ Clomiphene Related Compound A, United States Pharmacopeia (USP) Reference Standard	1140101-100MG
✓ Clomipramine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1140247-200MG
Clomipramine hydrochloride, for microbiological assay, European Pharmacopoeia (EP) Reference Standard	C2360000
Clomipramine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000132
Clomipramine impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000134
✓ Clomipramine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1140269-15MG
✓ Clomipramine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1140270-15MG
✓ Clomipramine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1140292-15MG
Clonazepam, European Pharmacopoeia (EP) Reference Standard	C2385000-50MG C2385000
Clonazepam impurity B, European Pharmacopoeia (EP) Reference Standard	C2385015-25MG C2385015
Clonazepam - reference spectrum, European Pharmacopoeia (EP)	Y0000286

* Name	Catalog Number
✓ Clonazepam Related Compound A, United States Pharmacopeia (USP) Reference Standard	1140327-25MG
✓ Clonazepam Related Compound B, United States Pharmacopeia (USP) Reference Standard	1140338-25MG
✓ Clonazepam Related Compound C, United States Pharmacopeia (USP) Reference Standard	1140349-25MG
✓ Clonidine, United States Pharmacopeia (USP) Reference Standard	1140393-200MG
Clonidine hydrochloride, European Pharmacopoeia (EP) Reference Standard	C2400000
✓ Clonidine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1140407-200MG
Clonidine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000801
✓ Clonidine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1140418-25MG
✓ Clonidine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1140429-25MG
Clopidogrel, European Pharmacopoeia (EP) Reference Standard	Y0000833
Clopidogrel for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000848
✓ Clopidogrel bisulfate, United States Pharmacopeia (USP) Reference Standard	1140430-125MG
Clopidogrel for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001334
Clopidogrel hydrogen sulfate, European Pharmacopoeia (EP) Reference Standard	Y0001333
Clopidogrel impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001335
✓ Clopidogrel Related Compound A, United States Pharmacopeia (USP) Reference Standard	1140586-20MG
✓ Clopidogrel Related Compound B, United States Pharmacopeia (USP) Reference Standard	1140597-20MG
✓ Clopidogrel Related Compound C, United States Pharmacopeia (USP) Reference Standard	1140600-20MG
✓ Cloprostenol sodium, United States Pharmacopeia (USP) Reference Standard	1140666-400MG
✓ Clorazepate dipotassium, United States Pharmacopeia (USP) Reference Standard	1140509-125MG
✓ Clorsulon, United States Pharmacopeia (USP) Reference Standard	1140702-200MG
Closantel sodium dihydrate, European Pharmacopoeia (EP) Reference Standard	Y0000392
Closantel for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000393
Clostridia (multi-component) rabbit antiserum (for vaccines for veterinary use) BRP, European Pharmacopoeia (EP) Reference Standard	C2424400
Clostridium tetani guinea pig antiserum - for vaccines for human use, BRP, European Pharmacopoeia (EP) Reference Standard	C2424550-3EA
Clostridium tetani guinea pig antiserum - for vaccines for veterinary use, BRP, European Pharmacopoeia (EP) Reference Standard	C2424500
Clostridium tetani rabbit antiserum (for vaccines for veterinary use) BRP, European Pharmacopoeia (EP) Reference Standard	C2425600
Clotrimazole, European Pharmacopoeia (EP) Reference Standard	C2430000
✓ Clotrimazole, United States Pharmacopeia (USP) Reference Standard	1141002-200MG
Clotrimazole for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000849
Clotrimazole impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000818
✓ Cloxacillin benzathine	1141909-200MG
✓ Cloxacillin Related Compound D, United States Pharmacopeia (USP) Reference Standard	1144951-15MG
✓ Cloxacillin sodium, United States Pharmacopeia (USP) Reference Standard	1142005-200MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Cloxacillin sodium, European Pharmacopoeia (EP) Reference Standard	C2450000
Clozapine, European Pharmacopoeia (EP) Reference Standard	C2460000
✓ Clozapine, United States Pharmacopoeia (USP) Reference Standard	1142107-100MG
Clozapine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000758
✓ Clozapine Resolution Mixture, United States Pharmacopoeia (USP) Reference Standard	1142108-30MG
✓ Cocaine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1143008-250MG
Cocaine hydrochloride - reference spectrum, European Pharmacopoeia (EP)	Y0000162
Cocoyl caprylocaprate, European Pharmacopoeia (EP) Reference Standard	C2480000
Codeine hydrochloride dihydrate - reference spectrum, European Pharmacopoeia (EP)	C2500100
✓ Codeine <i>N</i> -oxide, United States Pharmacopoeia (USP) Reference Standard	1143802-50MG
✓ Codeine phosphate, United States Pharmacopoeia (USP) Reference Standard	1144000-100MG
Codeine - reference spectrum, European Pharmacopoeia (EP)	C2500000
✓ Codeine sulfate, United States Pharmacopoeia (USP) Reference Standard	1145003-250MG
✓ Codeine System Suitability Mixture, United States Pharmacopoeia (USP) Reference Standard	1145025-25MG
Codergocrine mesilate, European Pharmacopoeia (EP) Reference Standard	C2510000
✓ Cod liver oil, United States Pharmacopoeia (USP) Reference Standard	1145207-1G
Coix seed HRS, European Pharmacopoeia (EP) Reference Standard	Y0001500
Colchicine, (European Pharmacopoeia (EP) Reference Standard)	C2580000
✓ Colchicine, United States Pharmacopoeia (USP) Reference Standard	1146006-350MG
Colchicine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000209
✓ Colestipol hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1146505-200MG
Colestyramine, European Pharmacopoeia (EP) Reference Standard	Y0000374
✓ Colistimethate sodium, United States Pharmacopoeia (USP) Reference Standard	1147009-200MG
Colistimethate sodium, European Pharmacopoeia (EP) Reference Standard	C2600000
Colistin sulfate, European Pharmacopoeia (EP) Reference Standard	Y0000277
Colistin sulfate, for microbiological assay, European Pharmacopoeia (EP) Reference Standard	C2700000
✓ Colistin sulfate, United States Pharmacopoeia (USP) Reference Standard	1148001-200MG
✓ Color Related Compound 005, United States Pharmacopoeia (USP) Reference Standard	1148238-20MG
✓ Color Related Compound 007, United States Pharmacopoeia (USP) Reference Standard	1148250-20MG
✓ Compressible sugar, United States Pharmacopoeia (USP) Reference Standard	1623386-200MG
✓ Copovidone, United States Pharmacopoeia (USP) Reference Standard	1148500-100MG
Copovidone - reference spectrum, European Pharmacopoeia (EP)	C2725000
Copper tetramibi tetrafluoroborate, European Pharmacopoeia (EP) Reference Standard	Y0001748
✓ Corn oil, United States Pharmacopoeia (USP) Reference Standard	1148806-1G
✓ Corosolic acid, United States Pharmacopoeia (USP) Reference Standard	1148737-50MG

* Name	Catalog Number
Cortisone acetate, European Pharmacopoeia (EP) Reference Standard	C2800000
✓ Cortisone acetate, United States Pharmacopoeia (USP) Reference Standard	1150003-150MG
✓ Cosyntropin acetate, United States Pharmacopoeia (USP) Reference Standard	1150115-1.69MG
✓ Cottonseed oil, United States Pharmacopoeia (USP) Reference Standard	1150207-1G
Cotton wool standard for neps, European Pharmacopoeia (EP) Reference Standard	C2900000
Coumarin, European Pharmacopoeia (EP) Reference Standard	Y0000438
✓ Creatinine, United States Pharmacopoeia (USP) Reference Standard	1150353-100MG
✓ Cromolyn Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1150513-25MG
✓ Cromolyn Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1150524-25MG
✓ Cromolyn sodium, United States Pharmacopoeia (USP) Reference Standard	1150502-500MG
✓ Crospovidone, United States Pharmacopoeia (USP) Reference Standard	1150706-100MG
Crospovidone, European Pharmacopoeia (EP) Reference Standard	Y0001053
Crotamiton, European Pharmacopoeia (EP) Reference Standard	C2970000
✓ Crotamiton, United States Pharmacopoeia (USP) Reference Standard	1151006-200MG
Crotamiton impurity A, European Pharmacopoeia (EP) Reference Standard	C2970005
✓ Cryopreserved Human Fibroblast-Derived Dermal Substitute Reference Photomicrographs (CD), United States Pharmacopoeia (USP)	1535868-1EA
✓ Cultured Rat Pheochromocytoma Reference Photomicrographs (CD), United States Pharmacopoeia (USP)	1535835-1EA
✓ Cumene, United States Pharmacopoeia (USP) Reference Standard	1151709-3X1.2ML
✓ Curcumin, United States Pharmacopoeia (USP) Reference Standard	1151855-30MG
✓ Curcuminoids, United States Pharmacopoeia (USP) Reference Standard	1151866-300MG
Cyanidin chloride, European Pharmacopoeia (EP) Reference Standard	Y0001061
✓ Cyanidin chloride, United States Pharmacopoeia (USP) Reference Standard	1151924-25MG
✓ Cyanidin 3- <i>O</i> -glucoside chloride, United States Pharmacopoeia (USP) Reference Standard	1151935-15MG
Cyanocobalamin, European Pharmacopoeia (EP) Reference Standard	C3000000
✓ Cyanocobalamin, mixture with mannitol, United States Pharmacopoeia (USP) Reference Standard	1152009-1.5G 1152009-5X300MG
✓ Cyclamic acid, United States Pharmacopoeia (USP) Reference Standard	1152600-100MG
✓ Cyclandelate, United States Pharmacopoeia (USP) Reference Standard	1152701-200MG
✓ Cyclic olefin copolymer, United States Pharmacopoeia (USP) Reference Standard	1152825-3STRIPS
✓ Cyclic olefin polymer, United States Pharmacopoeia (USP) Reference Standard	1152814-1G
Cyclizine hydrochloride, (European Pharmacopoeia (EP) Reference Standard)	C3090000
✓ Cyclizine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1154004-200MG
Cyclizine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000886
Cyclizine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000887
✓ Cyclizine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1154015-50MG
Cyclobenzaprine hydrochloride, European Pharmacopoeia (EP) Reference Standard	C3200000

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Cyclobenzaprine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1154514-10MG
✓ Cyclobenzaprine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1154525-10MG
Cyclohexa-1,4-dienylglycine, European Pharmacopoeia (EP) Reference Standard	C3230000
✓ Cyclohexanecarboxylic acid, United States Pharmacopeia (USP) Reference Standard	1154649-500MG
✓ Cyclohexylmethanol, United States Pharmacopeia (USP) Reference Standard	1154605-2X1ML
✓ Cyclomethicone 4, United States Pharmacopeia (USP) Reference Standard	1154707-200MG
✓ Cyclomethicone 5, United States Pharmacopeia (USP) Reference Standard	1154809-200MG
✓ Cyclomethicone 6, United States Pharmacopeia (USP) Reference Standard	1154900-200MG
Cyclopentolate hydrochloride, European Pharmacopoeia (EP) Reference Standard	C3245000-2EA
✓ Cyclopentolate hydrochloride, United States Pharmacopeia (USP) Reference Standard	1156000-300MG
Cyclopentolate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001088
Cyclophosphamide, European Pharmacopoeia (EP) Reference Standard	C3250000
✓ Cyclophosphamide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1157024-25MG
✓ Cyclophosphamide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1157035-25MG
✓ Cyclophosphamide Related Compound D, United States Pharmacopeia (USP) Reference Standard	1157046-25MG
✓ 2-Cyclopropylmethylamino-5-chlorobenzophenone, United States Pharmacopeia (USP) Reference Standard	1157501-50MG
✓ Cycloserine, United States Pharmacopeia (USP) Reference Standard	1158005-250MG
✓ Cyclosporine, United States Pharmacopeia (USP) Reference Standard	1158504-50MG
✓ Cyclosporine Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1158650-25MG
✓ Cyclothiazide, United States Pharmacopeia (USP) Reference Standard	1159008-200MG
Cyproheptadine hydrochloride	C3280000
✓ Cyproheptadine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1161000-500MG
Cyproheptadine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001095
✓ Cyproheptadine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1161010-40MG
✓ Cyproheptadine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1161032-25MG
Cyproterone acetate, European Pharmacopoeia (EP) Reference Standard	C3283000
Cyproterone acetate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001390
Cyproterone impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001223
✓ Cyromazine, United States Pharmacopeia (USP) Reference Standard	1161203-200MG
✓ L-Cysteine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1161509-200MG
Cysteine hydrochloride monohydrate, European Pharmacopoeia (EP) Reference Standard	C3290000
Cystine, European Pharmacopoeia (EP) Reference Standard	C3300000
✓ Cystine, United States Pharmacopeia (USP) Reference Standard	1161586-200MG
Cytarabine, European Pharmacopoeia (EP) Reference Standard	C3350000
✓ Cytarabine, United States Pharmacopeia (USP) Reference Standard	1162002-250MG

* Name	Catalog Number
✓ 5'-Cytidylic acid, United States Pharmacopeia (USP) Reference Standard	1162126-500MG
✓ Cytosine, United States Pharmacopeia (USP) Reference Standard	1162148-100MG
Dacarbazine, European Pharmacopoeia (EP) Reference Standard	Y0000733
✓ Dacarbazine, United States Pharmacopeia (USP) Reference Standard	1162308-125MG
Dacarbazine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000734
Dacarbazine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000735
✓ Dacarbazine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1162320-50MG
✓ Dacarbazine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1162330-50MG
✓ Dactinomycin, United States Pharmacopeia (USP) Reference Standard	1162400-50MG
✓ Daidzein, United States Pharmacopeia (USP) Reference Standard	1162421-25MG
✓ Daidzin, United States Pharmacopeia (USP) Reference Standard	1162432-30MG
✓ Daifampidine, United States Pharmacopeia (USP) Reference Standard	1162454-200MG
✓ Daifampidine Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1162443-15MG
Dalteparin sodium, European Pharmacopoeia (EP) Reference Standard	D0070000
✓ Dalteparin sodium, United States Pharmacopeia (USP) Reference Standard	1162487-300MG
Danaparoid sodium, European Pharmacopoeia (EP) Reference Standard	Y0000600
✓ Danazol, United States Pharmacopeia (USP) Reference Standard	1162501-200MG
✓ Dantrolene, United States Pharmacopeia (USP) Reference Standard	1163140-200MG
✓ Dantrolene sodium, United States Pharmacopeia (USP) Reference Standard	1163151-100MG
✓ Dantrolene Related Compound A, United States Pharmacopeia (USP) Reference Standard	1163162-50MG
✓ Dantrolene Related Compound B, United States Pharmacopeia (USP) Reference Standard	1163173-50MG
✓ Dantrolene Related Compound C, United States Pharmacopeia (USP) Reference Standard	1163184-50MG
Dapsone, European Pharmacopoeia (EP) Reference Standard	D0100000
✓ Dapsone, United States Pharmacopeia (USP) Reference Standard	1164008-200MG
Daunorubicin hydrochloride, European Pharmacopoeia (EP) Reference Standard	D0125000
✓ Daunorubicin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1164700-200MG
Daunorubicinone, European Pharmacopoeia (EP) Reference Standard	D0120000
✓ Daunorubicinone, United States Pharmacopeia (USP) Reference Standard	1164697-25MG
✓ Deacetylnorgestimate, United States Pharmacopeia (USP) Reference Standard	1471958-25MG
✓ Decoquinat, United States Pharmacopeia (USP) Reference Standard	1165408-200MG
✓ Defatted Powdered Soy, United States Pharmacopeia (USP) Reference Standard	1617474-2.5G
Deferoxamine mesylate salt, European Pharmacopoeia (EP) Reference Standard	D0160000
✓ Deferoxamine mesylate, United States Pharmacopeia (USP) Reference Standard	1166003-300MG
✓ Deflazacort, United States Pharmacopeia (USP) Reference Standard	1166116-100MG
✓ Deflazacort Related Compound C, United States Pharmacopeia (USP) Reference Standard	1166149-15MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Dehydrated Alcohol, United States Pharmacopeia (USP) Reference Standard	1012772-5AMP
✓ Dehydroacetic acid, United States Pharmacopeia (USP) Reference Standard	1166309-200MG
✓ Dehydrocarteolol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1166400-100MG
✓ Dehydrocholic acid, United States Pharmacopeia (USP) Reference Standard	1166502-200MG
Dehydrohexetidine, European Pharmacopoeia (EP) Reference Standard	D0201000
Delta-3-cefaclor, European Pharmacopoeia (EP) Reference Standard	C0640000
✓ Delta-4,6-cholestadienol, United States Pharmacopeia (USP) Reference Standard	1131803-30MG
✓ Delta-9-Tetrahydrocannabinol, United States Pharmacopeia (USP) Reference Standard	1651621-1ML
Dembrexine hydrochloride monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000611
✓ Demecarium bromide, United States Pharmacopeia (USP) Reference Standard	1169001-250MG
Demeclocycline hydrochloride, European Pharmacopoeia (EP) Reference Standard	D0300000
✓ Demeclocycline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1170000-200MG
Demeclocycline for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001707
✓ <i>N</i> -Demethylazithromycin, United States Pharmacopeia (USP) Reference Standard	1046089-15MG
<i>N</i> -Demethylerithromycin, European Pharmacopoeia (EP) Reference Standard	D0350000
Demethylflumazenil - reference spectrum, European Pharmacopoeia (EP)	Y0000228
✓ Denatonium benzoate, United States Pharmacopeia (USP) Reference Standard	1171003-200MG
✓ Deoxycorticosterone acetate, United States Pharmacopeia (USP) Reference Standard	1174001-200MG
✓ 2-Deoxy-D-glucose, United States Pharmacopeia (USP) Reference Standard	1171251-100MG
✓ Depramine, United States Pharmacopeia (USP) Reference Standard	1171397-20MG
Depropine citrate, European Pharmacopoeia (EP) Reference Standard	D0406200
Dequalinium chloride, European Pharmacopoeia (EP) Reference Standard	D0430000
Dequalinium chloride for performance test, European Pharmacopoeia (EP) Reference Standard	D0431000
✓ Dermatan sulfate, United States Pharmacopeia (USP) Reference Standard	1171455-25MG
Dermatan sulfate and oversulfated chondroitin sulfate, European Pharmacopoeia (EP) Reference Standard	Y0001321
✓ Desacetyl diltiazem hydrochloride, United States Pharmacopeia (USP) Reference Standard	1171706-50MG
Desacetylvinblastine, European Pharmacopoeia (EP) Reference Standard	D0480000-2EA
✓ Desbenzyl donepezil hydrochloride, United States Pharmacopeia (USP) Reference Standard	1171819-20MG
✓ Desfluoro Aprepitant, United States Pharmacopeia (USP) Reference Standard	1041992-15MG
✓ Desflurane, United States Pharmacopeia (USP) Reference Standard	1171900-0.5ML
Desflurane impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000807
Desflurane - reference spectrum, European Pharmacopoeia (EP)	Y0000879
✓ Desflurane Related Compound A, United States Pharmacopeia (USP) Reference Standard	1171910-0.1ML
✓ Desipramine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1172006-125MG
Desipramine hydrochloride, European Pharmacopoeia (EP) Reference Standard	D0500000

* Name	Catalog Number
Deslanoside, European Pharmacopoeia (EP) Reference Standard	D0600000
✓ Deslanoside, United States Pharmacopeia (USP) Reference Standard	1173009-200MG
Desloratadine, European Pharmacopoeia (EP) Reference Standard	Y0001584
✓ Desloratadine, United States Pharmacopeia (USP) Reference Standard	1173042-200MG
Desloratadine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001582
✓ Desloratadine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1173053-20MG
✓ Desloratadine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1173086-20MG
✓ Desloratadine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1173064-50MG
✓ Desmethoxycurcumin, United States Pharmacopeia (USP) Reference Standard	1173100-30MG
Desmethylmetrifonate, European Pharmacopoeia (EP) Reference Standard	D0630000
Desmopressin, European Pharmacopoeia (EP) Reference Standard	D0650000
Desogestrel, European Pharmacopoeia (EP) Reference Standard	Y0000509
✓ Desogestrel, United States Pharmacopeia (USP) Reference Standard	1173235-50MG
Desogestrel for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000510
✓ Desogestrel Related Compound A, United States Pharmacopeia (USP) Reference Standard	1173246-15MG
✓ Desogestrel Related Compound B, United States Pharmacopeia (USP) Reference Standard	1173257-25MG
✓ Desogestrel Related Compound C, United States Pharmacopeia (USP) Reference Standard	1173268-25MG
✓ Desonide, United States Pharmacopeia (USP) Reference Standard	1173304-250MG
✓ Desonide Impurities Mixture, United States Pharmacopeia (USP) Reference Standard	1173315-25MG
✓ Desosaminylazithromycin, United States Pharmacopeia (USP) Reference Standard	1046078-15MG
✓ Desoxycorticosterone pivalate, United States Pharmacopeia (USP) Reference Standard	1175004-125MG
Desoxycortone acetate, European Pharmacopoeia (EP) Reference Standard	D0400000
Detomidine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000001
Detomidine impurity B, European Pharmacopoeia (EP) Reference Standard	D0660020
Dexamethasone, European Pharmacopoeia (EP) Reference Standard	D0700000
✓ Dexamethasone, United States Pharmacopeia (USP) Reference Standard	1176007-125MG
✓ Dexamethasone acetate, United States Pharmacopeia (USP) Reference Standard	1176506-200MG
Dexamethasone acetate, European Pharmacopoeia (EP) Reference Standard	D0710000
Dexamethasone acetate impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001169
Dexamethasone for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001593
Dexamethasone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001177
Dexamethasone isonicotinate, European Pharmacopoeia (EP) Reference Standard	Y0000538
Dexamethasone isonicotinate for impurity C identification, European Pharmacopoeia (EP) Reference Standard	Y0000511
✓ Dexamethasone phosphate, United States Pharmacopeia (USP) Reference Standard	1177000-200MG
Dexamethasone pivalate, European Pharmacopoeia (EP) Reference Standard	D0718000

Selected Certified Reference Materials

Pharmaceuticals: Primary

*	Name	Catalog Number
	Dexamethasone sodium phosphate, European Pharmacopoeia (EP) Reference Standard	D0720000
✓	Dexamethasone sodium phosphate, United States Pharmacopoeia (USP) Reference Standard	1177032-350MG
	Dexamethasone sodium phosphate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001477
✓	Dexbrompheniramine maleate, United States Pharmacopoeia (USP) Reference Standard	1178002-200MG
	Dexchlorpheniramine maleate, European Pharmacopoeia (EP) Reference Standard	D0720800-60MG D0720800
✓	Dexchlorpheniramine maleate, United States Pharmacopoeia (USP) Reference Standard	1179005-300MG
✓	Dexketoprofen tromethamine, United States Pharmacopoeia (USP) Reference Standard	1179118-200MG
✓	Dexmedetomidine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1179333-200MG
✓	Dexpanthenol, United States Pharmacopoeia (USP) Reference Standard	1179504-500MG
	Dexpanthenol, European Pharmacopoeia (EP) Reference Standard	D0730000
	Dextran, European Pharmacopoeia (EP) Reference Standard	D0731000
✓	Dextran 1, United States Pharmacopoeia (USP) Reference Standard	1179628-50MG
	Dextran 1, European Pharmacopoeia (EP) Reference Standard	D0731005
✓	Dextran T-10, United States Pharmacopoeia (USP) Reference Standard	1179650-200MG
✓	Dextran 40, United States Pharmacopoeia (USP) Reference Standard	1179708-50MG
✓	Dextran 70, United States Pharmacopoeia (USP) Reference Standard	1179741-50MG
✓	Dextran 250 Calibration, United States Pharmacopoeia (USP) Reference Standard	1179898-100MG
	Dextran 250 for calibration, European Pharmacopoeia (EP) Reference Standard	D0737000
✓	Dextran 40 System Suitability, United States Pharmacopoeia (USP) Reference Standard	1179720-200MG
✓	Dextran 70 System Suitability, United States Pharmacopoeia (USP) Reference Standard	1179763-200MG
✓	Dextran 4 Calibration, United States Pharmacopoeia (USP) Reference Standard	1179854-100MG
✓	Dextran 10 Calibration, United States Pharmacopoeia (USP) Reference Standard	1179865-100MG
✓	Dextran 40 Calibration, United States Pharmacopoeia (USP) Reference Standard	1179876-100MG
✓	Dextran 70 Calibration, United States Pharmacopoeia (USP) Reference Standard	1179887-100MG
	Dextran 4 for calibration, European Pharmacopoeia (EP) Reference Standard	D0733000
	Dextran 10 for calibration, European Pharmacopoeia (EP) Reference Standard	D0734000
	Dextran 40 for calibration, European Pharmacopoeia (EP) Reference Standard	D0735000
	Dextran 70 for calibration, European Pharmacopoeia (EP) Reference Standard	D0736000
	Dextran 40 for performance test, European Pharmacopoeia (EP) Reference Standard	D0738000
	Dextran 60/70 for performance test, European Pharmacopoeia (EP) Reference Standard	D0739000
	Dextranomer, European Pharmacopoeia (EP) Reference Standard	Y0000744
	Dextran Vo, European Pharmacopoeia (EP) Reference Standard	D0732000
✓	Dextran Vo Marker, United States Pharmacopoeia (USP) Reference Standard	1179800-100MG
✓	Dextroamphetamine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1180015-25MG
✓	Dextroamphetamine Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1180026-25MG

*	Name	Catalog Number
✓	Dextroamphetamine sulfate, United States Pharmacopoeia (USP) Reference Standard, monograph mol wt. 368.49 ((C ₉ H ₁₃ N) ₂ · H ₂ SO ₄)	1180004-500MG
✓	Dextromethorphan, United States Pharmacopoeia (USP) Reference Standard	1180503-2G
✓	Dextromethorphan hydrobromide, United States Pharmacopoeia (USP) Reference Standard	1181007-500MG
	Dextromethorphan impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000261-5MG Y0000261
✓	Dextrose, United States Pharmacopoeia (USP) Reference Standard	1181302-500MG
	Diacerein, European Pharmacopoeia (EP) Reference Standard	Y0001595
	Diacerein impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001596
	Diacerein impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001597
✓	Diacetylated Monoglycerides, United States Pharmacopoeia (USP) Reference Standard	1181506-200MG
	Diacetylfluorescein, European Pharmacopoeia (EP) Reference Standard	Y0000454
✓	Diacetylfluorescein, United States Pharmacopoeia (USP) Reference Standard	1182000-200MG
✓	Diacetylmorphine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1183002-25MG
✓	Diatrizoic acid, United States Pharmacopoeia (USP) Reference Standard	1184005-100MG
✓	Diatrizoic Acid Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1184027-50MG
✓	Diaveridine, United States Pharmacopoeia (USP) Reference Standard	1184118-25MG
	Diazepam, European Pharmacopoeia (EP) Reference Standard	D0940000
✓	Diazepam, United States Pharmacopoeia (USP) Reference Standard	1185008-100MG
✓	Diazepam Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1185020-25MG
✓	Diazepam Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1023403-25MG
	Diazoxide, European Pharmacopoeia (EP) Reference Standard	D0950000
✓	Diazoxide, United States Pharmacopoeia (USP) Reference Standard	1186000-200MG
✓	Dibasic potassium phosphate, United States Pharmacopoeia (USP) Reference Standard	1551128-5G
	Dibenzocycloheptene, European Pharmacopoeia (EP) Reference Standard	D0970000
	Dibenzosuberone, European Pharmacopoeia (EP) Reference Standard	D1000000
	Dibrompropamide diisetonate, European Pharmacopoeia (EP) Reference Standard	Y0000480
	Dibrompropamide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000481
✓	Dibucaine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1187003-500MG
	Dibutyl phthalate, European Pharmacopoeia (EP) Reference Standard	D1010000
✓	Dibutyl phthalate, United States Pharmacopoeia (USP) Reference Standard	1187080-200MG
✓	Dibutyl sebacate, United States Pharmacopoeia (USP) Reference Standard	1187091-1ML
✓	Dichloralphenazone, United States Pharmacopoeia (USP) Reference Standard	1187207-200MG
	2,4-Dichlorobenzyl alcohol, European Pharmacopoeia (EP) Reference Standard	Y0001620
	2,4-Dichlorobenzyl alcohol impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001621
	2,4-Dichlorobenzyl alcohol impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001622

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ 1-[2,4-Dichloro-β-[(5-bromo-2-chloro-3-phenyl)oxy]phenethyl]imidazole hydrochloride, United States Pharmacopeia (USP) Reference Standard	1667472-25MG
Dichlorodiaminocyclohexaneplatinum, European Pharmacopoeia (EP) Reference Standard	Y0000275
3-(3,7-Dichloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine, European Pharmacopoeia (EP) Reference Standard	Y0000133
✓ 2,4-Dichlorophenol, United States Pharmacopeia (USP) Reference Standard	1187954-100MG
✓ Dichlorphenamide, United States Pharmacopeia (USP) Reference Standard	1188006-200MG
✓ Dichlorvos, United States Pharmacopeia (USP) Reference Standard	1188301-150MG
✓ Diclazuril, United States Pharmacopeia (USP) Reference Standard	1188560-200MG
Diclazuril for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000259
Diclazuril for veterinary use - reference spectrum, European Pharmacopoeia (EP)	Y0000264
✓ Diclazuril System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1188571-50MG
Diclofenac for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001635
Diclofenac impurity A, European Pharmacopoeia (EP) Reference Standard	D1040000
Diclofenac potassium, European Pharmacopoeia (EP) Reference Standard	D1039990
✓ Diclofenac potassium, United States Pharmacopeia (USP) Reference Standard	1188709-200MG
✓ Diclofenac related compound A, United States Pharmacopeia (USP) Reference Standard	1188811-25MG
✓ Diclofenac sodium, United States Pharmacopeia (USP) Reference Standard	1188800-200MG
Diclofenac sodium, European Pharmacopoeia (EP) Reference Standard	S0765000
✓ Diclloxacin Related Compound D, United States Pharmacopeia (USP) Reference Standard	1189053-15MG
Diclloxacin sodium, European Pharmacopoeia (EP) Reference Standard	D1050000
✓ Diclloxacin sodium, United States Pharmacopeia (USP) Reference Standard	1189009-300MG
✓ Dicumaryl, United States Pharmacopeia (USP) Reference Standard	1190008-200MG
✓ Dicyclomine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1191000-125MG
Dicycloverine hydrochloride, European Pharmacopoeia (EP) Reference Standard	D1060000
Didanosine, European Pharmacopoeia (EP) Reference Standard	Y0000439
✓ Didanosine, United States Pharmacopeia (USP) Reference Standard	1191204-200MG
Didanosine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000440
Didanosine impurity A,, European Pharmacopoeia (EP) Reference Standard	Y0000441
Didanosine impurity G, European Pharmacopoeia (EP) Reference Standard	Y0000442
✓ Didanosine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1191226-25MG
✓ Didanosine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1191237-25MG
✓ Didanosine System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1191215-10MG
Dienestrol, European Pharmacopoeia (EP) Reference Standard	D1200000
✓ Dienestrol, United States Pharmacopeia (USP) Reference Standard	1192003-125MG
✓ Diethanolamine, United States Pharmacopeia (USP) Reference Standard	1192808-3ML

* Name	Catalog Number
Diethylcarbazine citrate, European Pharmacopoeia (EP) Reference Standard	D1300000
✓ Diethylcarbazine citrate, United States Pharmacopeia (USP) Reference Standard	1193006-200MG
✓ Diethylene glycol, United States Pharmacopeia (USP) Reference Standard	1193265-0.5ML
✓ Diethylene glycol monoethyl ether, United States Pharmacopeia (USP) Reference Standard	1193301-0.5ML
Diethylene glycol (monoethyl ether) - reference spectrum, European Pharmacopoeia (EP)	Y0000217
Diethyl phthalate, European Pharmacopoeia (EP) Reference Standard	D1410000
✓ Diethyl phthalate, United States Pharmacopeia (USP) Reference Standard	1193505-200MG
✓ Diethylpropion hydrochloride, United States Pharmacopeia (USP) Reference Standard	1194009-200MG
✓ Diethyl sebacate, United States Pharmacopeia (USP) Reference Standard	1194803-1ML
Diethylstilbestrol, European Pharmacopoeia (EP) Reference Standard	D1500000
✓ Diethylstilbestrol, United States Pharmacopeia (USP) Reference Standard	1195001-200MG
Diethylstilbestrol dimethyl ether, European Pharmacopoeia (EP) Reference Standard	D1600000
Diethylstilbestrol monomethyl ether, European Pharmacopoeia (EP) Reference Standard	D1700000
✓ Diethyltoluamide, United States Pharmacopeia (USP) Reference Standard	1197007-3G
✓ Diethyltoluamide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1197018-25MG
✓ Diflorasone diacetate, United States Pharmacopeia (USP) Reference Standard	1197302-200MG
Difloxacin hydrochloride	Y0001423
Difloxacin impurity G	Y0001429
Diflunisal, European Pharmacopoeia (EP) Reference Standard	D1750000
✓ Diflunisal, United States Pharmacopeia (USP) Reference Standard	1197506-200MG
✓ Digitalis, United States Pharmacopeia (USP) Reference Standard	1198000-3G
✓ Digitoxin, United States Pharmacopeia (USP) Reference Standard	1199002-200MG
Digitoxin, European Pharmacopoeia (EP) Reference Standard	D1800000
Digoxigenin, European Pharmacopoeia (EP) Reference Standard	Y0000640
✓ Digoxin, United States Pharmacopeia (USP) Reference Standard	1200000-250MG
Digoxin, European Pharmacopoeia (EP) Reference Standard	D1900000
Digoxin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000554
Dihydralazine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000232
Dihydralazine sulfate (hydrated) - reference spectrum, European Pharmacopoeia (EP)	D1940001
✓ Dihydroartemisinin, United States Pharmacopeia (USP) Reference Standard	1200520-200MG
✓ Dihydroartemisinin Related Compound I, United States Pharmacopeia (USP) Reference Standard	1200575-20MG
✓ Dihydrocapsaicin, United States Pharmacopeia (USP) Reference Standard	1200600-25MG
✓ Dihydrocodeine bitartrate, United States Pharmacopeia (USP) Reference Standard	1200804-200MG
Dihydrocodeine hydrogen tartrate - reference spectrum, European Pharmacopoeia (EP)	Y0000216
✓ Dihydrodaunorubicin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1200881-20MG
✓ 17 α -Dihydroequilin, United States Pharmacopeia (USP) Reference Standard	1201002-50MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
17 α -Dihydroequiselin, European Pharmacopoeia (EP) Reference Standard	Y000053
Dihydroergocristine mesilate, European Pharmacopoeia (EP) Reference Standard	D1945000
Dihydroergotamine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000831
Dihydroergotamine mesilate, European Pharmacopoeia (EP) Reference Standard	D1950000
✓ Dihydroergotamine mesylate, United States Pharmacopoeia (USP) Reference Standard	1202005-250MG
Dihydroergotamine tartrate, European Pharmacopoeia (EP) Reference Standard	D1952000
Dihydrostreptomycin sulfate, European Pharmacopoeia (EP) Reference Standard	D1954000
✓ Dihydrostreptomycin sulfate, United States Pharmacopoeia (USP) Reference Standard	1203008-200MG
✓ Dihydrotachysterol, United States Pharmacopoeia (USP) Reference Standard	1204000-4X30MG
Dihydrotachysterol, European Pharmacopoeia (EP) Reference Standard	Y0000544
Dihydrotachysterol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000482
✓ Dihydroxyacetone, United States Pharmacopoeia (USP) Reference Standard	1204102-250MG
✓ Diloxanide furoate, United States Pharmacopoeia (USP) Reference Standard	1204805-200MG
✓ Diltiazem hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1205003-200MG
Diltiazem hydrochloride, European Pharmacopoeia (EP) Reference Standard	D1980000
Diltiazem for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001141
Diltiazem impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001439
✓ Diluted isosorbide dinitrate (25% mixture with lactose), United States Pharmacopoeia (USP) Reference Standard	1353000-500MG
✓ Diluted Isosorbide Mononitrate, United States Pharmacopoeia (USP) Reference Standard	1353102-750MG
✓ Diluted Isosorbide Mononitrate Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1353113-100MG
✓ Diluted Nitroglycerin, United States Pharmacopoeia (USP) Reference Standard	1466506-5AMP
Dimenhydrinate, European Pharmacopoeia (EP) Reference Standard	D2000000
✓ Dimenhydrinate, United States Pharmacopoeia (USP) Reference Standard	1206006-200MG
Dimenhydrinate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001103
✓ Dimenhydrinate Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1206017-15MG
✓ Dimethisoquin hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1208001-2G
<i>N,N</i> -Dimethylacetamide - reference spectrum, European Pharmacopoeia (EP)	Y0000234
✓ (4 <i>S</i> ,4' <i>S</i>)-4,4'-[[4-(Dimethylamino)butylidene]bis[[3-[2-(dimethylamino)ethyl]-1 <i>H</i> -indole-2,5-diyl]methylene]]bis[2-oxazolidinone], United States Pharmacopoeia (USP) Reference Standard	1727075-25MG
2-(Dimethylamino)ethyl methacrylate, European Pharmacopoeia (EP) Reference Standard	Y0001489
✓ 2,3-Dimethylaniline, United States Pharmacopoeia (USP) Reference Standard	1211254-50MG
✓ Dimethyl sulfoxide, United States Pharmacopoeia (USP) Reference Standard	1211006-3G
Dimethyl sulfoxide, European Pharmacopoeia (EP) Reference Standard	D2050000
Dimeticone, European Pharmacopoeia (EP) Reference Standard	D2200000
Dimetindene maleate, European Pharmacopoeia (EP) Reference Standard	D2205000

* Name	Catalog Number
✓ 6,6'-Dinicotinic acid, United States Pharmacopoeia (USP) Reference Standard	1211287-50MG
Dinoprostone, European Pharmacopoeia (EP) Reference Standard	D2250000
✓ Dinoprostone, United States Pharmacopoeia (USP) Reference Standard	1213103-125MG
Dinoprostone impurity C, European Pharmacopoeia (EP) Reference Standard	D2250015
✓ Dinoprostone Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1213136-20MG
Dinoprost trometamol, European Pharmacopoeia (EP) Reference Standard	D2255000
✓ Dinoprost tromethamine, United States Pharmacopoeia (USP) Reference Standard	1213001-50MG
Diosmin, European Pharmacopoeia (EP) Reference Standard	Y0000094
✓ Diosmin, United States Pharmacopoeia (USP) Reference Standard	1213318-300MG
Diosmin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000095
✓ Diosmin for System Suitability, United States Pharmacopoeia (USP) Reference Standard	1213329-15MG
✓ Dioxybenzone, United States Pharmacopoeia (USP) Reference Standard	1214004-150MG
✓ Diphenhydramine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1218005-200MG
Diphenhydramine hydrochloride, European Pharmacopoeia (EP) Reference Standard	D2600000
✓ Diphenhydramine citrate, United States Pharmacopoeia (USP) Reference Standard	1217909-200MG
Diphenhydramine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000135
✓ Diphenhydramine <i>N</i> -oxide, United States Pharmacopoeia (USP) Reference Standard	1218050-25MG
✓ Diphenhydramine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1218016-25MG
✓ Diphenhydramine Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1218027-20MG
✓ Diphenoxylate hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1219008-200MG
Diphenoxylate hydrochloride - reference spectrum, European Pharmacopoeia (EP)	D2630000
✓ Diphenoxylate Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1219019-25MG
Diphtheria toxin, BRP, European Pharmacopoeia (EP) Reference Standard	Y0000258
Diphtheria vaccine (adsorbed, BRP), European Pharmacopoeia (EP) Reference Standard	D2700000
✓ Dipivefrin hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1220302-200MG
Dipivefrine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000376
Dipivefrine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000394
✓ Dipivefrin Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1220357-25MG
Dipotassium clorazepate - reference spectrum, European Pharmacopoeia (EP)	D2750100
Diprophylline, European Pharmacopoeia (EP) Reference Standard	D2800000
Dipyridamole, European Pharmacopoeia (EP) Reference Standard	D2850000
✓ Dipyridamole, United States Pharmacopoeia (USP) Reference Standard	1220506-200MG
Dipyridamole for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000802
✓ Dipyridamole Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1220517-25MG
✓ Dipyridamole Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1220528-25MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Dipyrindamole Related Compound C, United States Pharmacopeia (USP) Reference Standard	1220539-25MG
✓ Dipyrindamole Related Compound D, United States Pharmacopeia (USP) Reference Standard	1220540-25MG
✓ Dipyrindamole Related Compound E, United States Pharmacopeia (USP) Reference Standard	1220559-25MG
✓ Dipyrindamole Related Compound F, United States Pharmacopeia (USP) Reference Standard	1220561-25MG
Dirithromycin, European Pharmacopoeia (EP) Reference Standard	D2880000
✓ Dirithromycin, United States Pharmacopeia (USP) Reference Standard	1220700-200MG
Disodium edetate, European Pharmacopoeia (EP) Reference Standard	D2900000
✓ Disodium guanylate, United States Pharmacopeia (USP) Reference Standard	1221000-350MG
✓ Disodium Inosinate, United States Pharmacopeia (USP) Reference Standard	1222002-500MG
✓ Disodium 5'-uridylylate, United States Pharmacopeia (USP) Reference Standard	1222400-500MG
Disopyramide, European Pharmacopoeia (EP) Reference Standard	D2920000
Disopyramide phosphate, European Pharmacopoeia (EP) Reference Standard	D2922000
✓ Disopyramide phosphate, United States Pharmacopeia (USP) Reference Standard	1222501-200MG
✓ 2,4-Disulfamyl-5-trifluoromethylaniline, United States Pharmacopeia (USP) Reference Standard	1223005-50MG
Disulfiram, European Pharmacopoeia (EP) Reference Standard	D2950000
✓ Disulfiram, United States Pharmacopeia (USP) Reference Standard	1224008-200MG
Dithranol, European Pharmacopoeia (EP) Reference Standard	D2953000
Dithranol impurity C, European Pharmacopoeia (EP) Reference Standard	D2953025
Dithranol impurity D, European Pharmacopoeia (EP) Reference Standard	D2953050
✓ Divalproex sodium, United States Pharmacopeia (USP) Reference Standard	1224201-200MG
Dobutamine hydrochloride, European Pharmacopoeia (EP) Reference Standard	D2954000
✓ Dobutamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1224507-400MG
Dobutamine impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001239
✓ Docetaxel, United States Pharmacopeia (USP) Reference Standard	1224551-200MG
Docetaxel trihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001133
Docetaxel for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001155
✓ Docetaxel Identification, United States Pharmacopeia (USP) Reference Standard	1224562-50MG
Docetaxel impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001452
✓ Docetaxel System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1224573-15MG
✓ Docosahexaenoic acid ethyl ester, United States Pharmacopeia (USP) Reference Standard	1224620-500MG
Docosahexaenoic acid ethyl ester, European Pharmacopoeia (EP) Reference Standard	D2954600-150MG D2954600
✓ Docosyl ferulate, United States Pharmacopeia (USP) Reference Standard	1224664-50MG
✓ Docusate calcium, United States Pharmacopeia (USP) Reference Standard	1224700-500MG
✓ Docusate potassium, United States Pharmacopeia (USP) Reference Standard	1224904-100MG
Docusate sodium, European Pharmacopoeia (EP) Reference Standard	Y0001567

* Name	Catalog Number
✓ Docusate sodium Related Compound B, United States Pharmacopeia (USP) Reference Standard	1224824-40MG
Dodecyl gallate, European Pharmacopoeia (EP) Reference Standard	Y0000365
✓ Dofetilide, United States Pharmacopeia (USP) Reference Standard	1224937-200MG
✓ Dofetilide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1224948-25MG
✓ Dolasetron mesylate, United States Pharmacopeia (USP) Reference Standard	1224959-200MG
✓ Dolasetron mesylate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1224960-25MG
Domperidone, European Pharmacopoeia (EP) Reference Standard	D2955000
Domperidone maleate, European Pharmacopoeia (EP) Reference Standard	D2957000
✓ Donepezil hydrochloride, United States Pharmacopeia (USP) Reference Standard	1224981-200MG
✓ Donepezil-N-oxide, United States Pharmacopeia (USP) Reference Standard	1224970-20MG
✓ Dopamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1225204-200MG
Dopamine hydrochloride, European Pharmacopoeia (EP) Reference Standard	D2960000
Dopexamine dihydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000612
Dopexamine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000613
Dopexamine impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000614
Dorzolamide hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000726
✓ Dorzolamide hydrochloride, United States Pharmacopeia (USP) Reference Standard	1225281-200MG
Dorzolamide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000750
✓ Dorzolamide hydrochloride Related Compound A, United States Pharmacopeia (USP) Reference Standard	1225292-20MG
Dorzolamide Impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000727
✓ Dorzolamide Related Compound D, United States Pharmacopeia (USP) Reference Standard	1225306-30MG
Dosulepin hydrochloride, European Pharmacopoeia (EP) Reference Standard	D2962000
Dosulepin impurity A, European Pharmacopoeia (EP) Reference Standard	D2962005
Doxapram hydrochloride, European Pharmacopoeia (EP) Reference Standard	D2963000
✓ Doxapram hydrochloride, United States Pharmacopeia (USP) Reference Standard	1225000-200MG
Doxapram impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000208
✓ Doxapram Related Compound B, United States Pharmacopeia (USP) Reference Standard	1225022-25MG
✓ Doxazosin mesylate, United States Pharmacopeia (USP) Reference Standard	1225419-200MG
Doxazosin impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000551
Doxazosin impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000552
Doxazosin mesilate, European Pharmacopoeia (EP) Reference Standard	Y0000553
✓ Doxazosin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1225420-20MG
✓ Doxazosin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1225441-20MG
✓ Doxazosin Related Compound C, United States Pharmacopeia (USP) Reference Standard	1225452-20MG
✓ Doxazosin Related Compound D, United States Pharmacopeia (USP) Reference Standard	1225463-20MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Doxazosin Related Compound E, United States Pharmacopeia (USP) Reference Standard	1225474-20MG
✓ Doxazosin Related Compound F, United States Pharmacopeia (USP) Reference Standard	1225485-15MG
Doxepin hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000838
✓ Doxepin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1225500-500MG
Doxepin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000851
✓ Doxepin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1225511-50MG
✓ Doxepin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1225522-50MG
✓ Doxepin Related Compound C, United States Pharmacopeia (USP) Reference Standard	1225533-25MG
✓ Doxercalciferol, United States Pharmacopeia (USP) Reference Standard	1225601-2X20MG
✓ Doxofylline, United States Pharmacopeia (USP) Reference Standard	1225656-100MG
✓ Doxofylline Related Compound B, United States Pharmacopeia (USP) Reference Standard	1225678-15MG
✓ Doxofylline Related Compound D, United States Pharmacopeia (USP) Reference Standard	1225690-15MG
Doxorubicin hydrochloride, European Pharmacopoeia (EP) Reference Standard	D2975000
✓ Doxorubicin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1225703-50MG
✓ Doxorubicinone, United States Pharmacopeia (USP) Reference Standard	1225758-25MG
✓ Doxycycline hyclate, United States Pharmacopeia (USP) Reference Standard	1226003-200MG
Doxycycline hyclate, European Pharmacopoeia (EP) Reference Standard	D3000000
Doxycycline for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001714
✓ Doxycycline Related Compound A, United States Pharmacopeia (USP) Reference Standard	1226014-10MG
Doxylamine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001492
Doxylamine hydrogen succinate, European Pharmacopoeia (EP) Reference Standard	Y0001562
Doxylamine hydrogen succinate - reference spectrum, European Pharmacopoeia (EP)	Y0000163
✓ Doxylamine succinate, United States Pharmacopeia (USP) Reference Standard	1227006-300MG
✓ Dried Aluminum Hydroxide Gel, United States Pharmacopeia (USP) Reference Standard	1017502-200MG
✓ Drometrizole, United States Pharmacopeia (USP) Reference Standard	1228009-25MG
✓ Drometrizole trisiloxane, United States Pharmacopeia (USP) Reference Standard	1228010-200MG
✓ Drometrizole trisiloxane Related Compound A, United States Pharmacopeia (USP) Reference Standard	1228029-25MG
✓ Drometrizole trisiloxane Related Compound B, United States Pharmacopeia (USP) Reference Standard	1228031-25MG
✓ Drometrizole trisiloxane Related Compound C, United States Pharmacopeia (USP) Reference Standard	1228042-150MG
✓ Drometrizole trisiloxane Related Compound D, United States Pharmacopeia (USP) Reference Standard	1228053-25MG
✓ Drometrizole trisiloxane Related Compound E, United States Pharmacopeia (USP) Reference Standard	1228064-150MG
✓ Dronedarone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1228530-125MG
✓ Dronedarone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1228541-25MG
✓ Droperidol, United States Pharmacopeia (USP) Reference Standard	1229001-250MG
Droperidol, European Pharmacopoeia (EP) Reference Standard	D3100000

* Name	Catalog Number
Drospirenone, European Pharmacopoeia (EP) Reference Standard	Y0001105
✓ Drospirenone, United States Pharmacopeia (USP) Reference Standard	1229409-200MG
Drospirenone for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001718
Drospirenone impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001115
✓ Drospirenone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1229410-15MG
Duloxetine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001453
✓ Duloxetine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1229817-100MG
Duloxetine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001454
Duloxetine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001455
✓ Duloxetine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1229828-10MG
✓ Duloxetine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1229872-10MG
✓ Duloxetine Related Compound H, United States Pharmacopeia (USP) Reference Standard	1229883-10MG
Dutasteride, European Pharmacopoeia (EP) Reference Standard	Y0001598
✓ Dutasteride, United States Pharmacopeia (USP) Reference Standard	1229922-200MG
Dutasteride for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001603
✓ Dutasteride Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1229931-20MG
✓ Dyclonine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1230000-200MG
Dydrogesterone, European Pharmacopoeia (EP) Reference Standard	Y0001004
✓ Dydrogesterone, United States Pharmacopeia (USP) Reference Standard	1231003-200MG
Dydrogesterone impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001005
Dydrogesterone impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001006
✓ Dyphylline, United States Pharmacopeia (USP) Reference Standard	1231502-200MG
✓ Ebastine, United States Pharmacopeia (USP) Reference Standard	1231207
Ebastine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000247
Ebastine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000248
Ebastine - reference spectrum, European Pharmacopoeia (EP)	Y0000249
✓ Ebastine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1231229-100MG
✓ Ebastine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1231230-15MG
✓ Ebastine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1231246-15MG
✓ Ebastine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1231251-25MG
✓ Ebastine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1231262-15MG
✓ Ebastine Related Compound G, United States Pharmacopeia (USP) Reference Standard	1231273-15MG
✓ Ecamsule solution, United States Pharmacopeia (USP) Reference Standard	1231580-0.5ML
✓ Ecamsule Related Compound A, United States Pharmacopeia (USP) Reference Standard	1231615-50MG
✓ Ecamsule Related Compound B, United States Pharmacopeia (USP) Reference Standard	1231626-50MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Ecamsule Related Compound C, United States Pharmacopeia (USP) Reference Standard	1231637-50MG
✓ Ecamsule Related Compound D, United States Pharmacopeia (USP) Reference Standard	1231648-50MG
✓ Ecamsule Related Compound E, United States Pharmacopeia (USP) Reference Standard	1231659-25MG
✓ Ecamsule Related Compound F, United States Pharmacopeia (USP) Reference Standard	1231660-25MG
✓ Ecamsule Related Compound G, United States Pharmacopeia (USP) Reference Standard	1231681-25MG
✓ Ecamsule triethanolamine, United States Pharmacopeia (USP) Reference Standard	1231604-200MG
✓ Echinacoside, United States Pharmacopeia (USP) Reference Standard	1231750-15MG
Econazole, European Pharmacopoeia (EP) Reference Standard	Y0001236
Econazole for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000254
Econazole nitrate, European Pharmacopoeia (EP) Reference Standard	E0050000-100MG E0050000
✓ Econazole nitrate, United States Pharmacopeia (USP) Reference Standard	1231808-100MG
✓ Econazole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1231830-15MG
✓ Econazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1231841-15MG
✓ Econazole Related Compound C, United States Pharmacopeia (USP) Reference Standard	1231852-15MG
✓ Edetate Calcium Disodium, United States Pharmacopeia (USP) Reference Standard	1232006-200MG
✓ Edetate disodium, United States Pharmacopeia (USP) Reference Standard	1233009-200MG
✓ Edetic acid, United States Pharmacopeia (USP) Reference Standard	1233508-200MG
Edrophonium chloride, EuropePharmacopoeia (EP) Reference Standard	Y0001738
✓ Edrophonium chloride, United States Pharmacopeia (USP) Reference Standard	1234001-200MG
✓ Efavirenz, United States Pharmacopeia (USP) Reference Standard	1234103-200MG
✓ Efavirenz racemic, United States Pharmacopeia (USP) Reference Standard	1234114-20MG
✓ Efavirenz Related Compound A, United States Pharmacopeia (USP) Reference Standard	1234125-20MG
✓ Efavirenz Related Compound B, United States Pharmacopeia (USP) Reference Standard	1234147-10MG
✓ Efavirenz Related Compound C, United States Pharmacopeia (USP) Reference Standard	1234136-20MG
✓ Eflornithine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1234249-150MG
Eicosapentaenoic acid ethyl ester, European Pharmacopoeia (EP) Reference Standard	E0085000
✓ Eicosapentaenoic acid ethyl ester, United States Pharmacopeia (USP) Reference Standard	1234307-500MG
✓ Eleutheroside B, United States Pharmacopeia (USP) Reference Standard	1234668-15MG
✓ Eleutheroside E, United States Pharmacopeia (USP) Reference Standard	1234680-15MG
Emedastine difumarate, European Pharmacopoeia (EP) Reference Standard	Y0000537
✓ Emedastine difumarate, United States Pharmacopeia (USP) Reference Standard	1234806-100MG
Emedastine impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000512
Emetine hydrochloride, European Pharmacopoeia (EP) Reference Standard	E0100000
✓ Emetine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1235004-300MG
✓ Emtricitabine, United States Pharmacopeia (USP) Reference Standard	1235106-200MG

* Name	Catalog Number
✓ Emtricitabine System Suitability Mixture A, United States Pharmacopeia (USP) Reference Standard	1235128-15MG
✓ Emtricitabine System Suitability Mixture B, United States Pharmacopeia (USP) Reference Standard	1235139-15MG
✓ Enalaprilat, United States Pharmacopeia (USP) Reference Standard	1235274-300MG
Enalaprilat dihydrate, European Pharmacopoeia (EP) Reference Standard	Y0000615
Enalaprilat for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000629
Enalaprilat impurity G, European Pharmacopoeia (EP) Reference Standard	Y0000678
Enalapril for system suitability, European Pharmacopoeia (EP) Reference Standard	E0110000
Enalapril impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001211
✓ Enalapril maleate, United States Pharmacopeia (USP) Reference Standard	1235300-200MG
Enalapril maleate, European Pharmacopoeia (EP) Reference Standard	E0109000
✓ Endotoxin, 10,000 USP Endotoxin Units, United States Pharmacopeia (USP) Reference Standard	1235503-1VL
Endotoxin standard, BRP, European Pharmacopoeia (EP) Reference Standard	E0150000
✓ Enflurane, United States Pharmacopeia (USP) Reference Standard	1235809-1ML
Enilconazole, European Pharmacopoeia (EP) Reference Standard	Y0000136
Enilconazole impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000137
Enoxaparin sodium, European Pharmacopoeia (EP) Reference Standard	E0180000
✓ Enoxaparin sodium, United States Pharmacopeia (USP) Reference Standard	1235820-300MG
✓ Enoxaparin sodium for Bioassays, United States Pharmacopeia (USP) Reference Standard	1235831-1AMP
✓ Enoxaparin Sodium Molecular Weight Calibrant A, United States Pharmacopeia (USP) Reference Standard	1235853-8.0MG
✓ Enoxaparin Sodium Molecular Weight Calibrant B, United States Pharmacopeia (USP) Reference Standard	1235864-6.0MG
Enoxolone, European Pharmacopoeia (EP) Reference Standard	E0180500
Enrofloxacin, European Pharmacopoeia (EP) Reference Standard	Y0001259
✓ Enrofloxacin, United States Pharmacopeia (USP) Reference Standard	1235900-200MG
Enrofloxacin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001160
✓ Enrofloxacin Related Compound Mixture, United States Pharmacopeia (USP) Reference Standard	1235911-50MG
✓ Ensulizole, United States Pharmacopeia (USP) Reference Standard	1530809-200MG
Entacapone, European Pharmacopoeia (EP) Reference Standard	Y0001249
✓ Entacapone, United States Pharmacopeia (USP) Reference Standard	1235933-150MG
Entacapone impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001250
✓ Entacapone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1235944-25MG
✓ Entecavir monohydrate, United States Pharmacopeia (USP) Reference Standard	1235966-200MG
Entecavir for system suitability, EuropePharmacopoeia (EP) Reference Standard	Y0001801
Entecavir impurity F, EuropePharmacopoeia (EP) Reference Standard	Y0001802
Entecavir monohydrate, EuropePharmacopoeia (EP) Reference Standard	Y0001800
✓ Entecavir Related Compound A, United States Pharmacopeia (USP) Reference Standard	1235977-15MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Entecavir System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1235988-15MG
Enterokinase, BRP, European Pharmacopoeia (EP) Reference Standard	E0200000
✓ Ephedrine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1235999-200MG
✓ Ephedrine sulfate, United States Pharmacopeia (USP) Reference Standard	1236007-200MG
✓ 4-Epianhydrotetracycline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1236506-50MG
4-Epianhydrotetracycline hydrochloride, European Pharmacopoeia (EP) Reference Standard	E0400000
✓ 23-EPI-26-Deoxyactein, United States Pharmacopeia (USP) Reference Standard	1171207-20MG
✓ (-)-Epigallocatechin-3-O-gallate, United States Pharmacopeia (USP) Reference Standard	1236700-20MG
✓ Epilactose, United States Pharmacopeia (USP) Reference Standard	1236801-200MG
Epinastine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001139
Epinastine hydrochloride for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001128
✓ Epinephrine bitartrate, United States Pharmacopeia (USP) Reference Standard	1237000-200MG
4-Epioxytetracycline, European Pharmacopoeia (EP) Reference Standard	E0530000
✓ Epirubicin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1237382-200MG
Epirubicin hydrochloride, European Pharmacopoeia (EP) Reference Standard	E0550000
✓ Epiritracycline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1237509-200MG
4-Epiritracycline hydrochloride, European Pharmacopoeia (EP) Reference Standard	E0600000
Eplerenone, EuropePharmacopoeia (EP) Reference Standard	Y0001704
✓ Eplerenone, United States Pharmacopeia (USP) Reference Standard	1237553-250MG
Eplerenone for peak identification, EuropePharmacopoeia (EP) Reference Standard	Y0001706
Eplerenone for system suitability, EuropePharmacopoeia (EP) Reference Standard	Y0001705
✓ Epoprostenol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1237611-15MG
✓ Epoprostenol sodium, United States Pharmacopeia (USP) Reference Standard	1237600-100MG
<i>trans</i> -Epoxyphytomenadione, European Pharmacopoeia (EP) Reference Standard	P1609010
✓ Eprinomectin, United States Pharmacopeia (USP) Reference Standard	1237752-300MG
✓ Eprosartan mesylate, United States Pharmacopeia (USP) Reference Standard	1238217-50MG
✓ Eprosartan Related Compound A, United States Pharmacopeia (USP) Reference Standard	1238228-20MG
✓ Eprosartan Related Compound B, United States Pharmacopeia (USP) Reference Standard	1238239-15MG
✓ Eprosartan Related Compound C, United States Pharmacopeia (USP) Reference Standard	1238240-25MG
✓ Eprosartan Related Compound D, United States Pharmacopeia (USP) Reference Standard	1238251-15MG
✓ Eprosartan Related Compound E, United States Pharmacopeia (USP) Reference Standard	1238262-15MG
Eq Influenza Subtype 1 Strain A/eq/Newmarket/77 Horse Antiserum, BRP, European Pharmacopoeia (EP) Reference Standard	E0850010
Eq Influenza Subtype 2 European-like/Newmarket Horse Antiserum, BRP, European Pharmacopoeia (EP) Reference Standard	E0850022
Eq Influenza Subtype 2 American-like/Newmarket Horse Antiserum, BRP, European Pharmacopoeia (EP) Reference Standard	E0850021

* Name	Catalog Number
Eq Influenza Subtype 2 American-like/South Africa Horse Antiserum, BRP, European Pharmacopoeia (EP) Reference Standard	Y0000712
✓ Equilin, United States Pharmacopeia (USP) Reference Standard	1238002-25MG
Equilin, European Pharmacopoeia (EP) Reference Standard	Y0000052
Equisetum palustre, European Pharmacopoeia (EP) Reference Standard	Y0001325
✓ Ergocalciferol, United States Pharmacopeia (USP) Reference Standard	1239005-5X30MG
Ergocalciferol, European Pharmacopoeia (EP) Reference Standard	E0900000
Ergocalciferol for system suitability, EuropePharmacopoeia (EP) Reference Standard	Y0001375
✓ Ergoloid mesylates, United States Pharmacopeia (USP) Reference Standard	1239504-300MG
✓ Ergonovine maleate, United States Pharmacopeia (USP) Reference Standard	1240004-100MG
Ergosterol, European Pharmacopoeia (EP) Reference Standard	E1100000
✓ Ergosterol, United States Pharmacopeia (USP) Reference Standard	1241007-50MG
✓ Ergotamine tartrate, United States Pharmacopeia (USP) Reference Standard, monograph mol wt. 1313.41 ((C ₃₃ H ₃₅ N ₅ O ₅) ₂ · C ₄ H ₆ O ₆)	1241506-150MG
✓ Ergotaminine, United States Pharmacopeia (USP) Reference Standard	1241550-100MG
Erysipelas ELISA coating antigen, BRP, European Pharmacopoeia (EP) Reference Standard	Y0000051
✓ Erythorbic acid, United States Pharmacopeia (USP) Reference Standard	1241823-50MG
Erythritol, European Pharmacopoeia (EP) Reference Standard	Y0000177
✓ Erythritol, United States Pharmacopeia (USP) Reference Standard	1241903-200MG
Erythromycin, for microbiological assay, European Pharmacopoeia (EP) Reference Standard	E1300000
✓ Erythromycin, United States Pharmacopeia (USP) Reference Standard	1242000-250MG
Erythromycin A, European Pharmacopoeia (EP) Reference Standard	E1305000
✓ Erythromycin B, United States Pharmacopeia (USP) Reference Standard	1242010-100MG
Erythromycin B, European Pharmacopoeia (EP) Reference Standard	E1310000
✓ Erythromycin C, United States Pharmacopeia (USP) Reference Standard	1242021-50MG
Erythromycin C, European Pharmacopoeia (EP) Reference Standard	E1320000
Erythromycin estolate, European Pharmacopoeia (EP) Reference Standard	E1400000
✓ Erythromycin estolate, United States Pharmacopeia (USP) Reference Standard	1243002-200MG
✓ Erythromycin ethyl succinate, United States Pharmacopeia (USP) Reference Standard	1245008-200MG
Erythromycin ethyl succinate, European Pharmacopoeia (EP) Reference Standard	E1500000
✓ Erythromycin gluceptate, United States Pharmacopeia (USP) Reference Standard	1246000-200MG
✓ Erythromycin lactobionate, United States Pharmacopeia (USP) Reference Standard	1247003-200MG
✓ Erythromycin Related Compound N, United States Pharmacopeia (USP) Reference Standard	1242032-50MG
Erythromycin stearate, European Pharmacopoeia (EP) Reference Standard	E1500800
✓ Erythromycin stearate, United States Pharmacopeia (USP) Reference Standard	1248006-200MG
Erythropoietin, BRP, European Pharmacopoeia (EP) Reference Standard	E1515000

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Erythropoietin for Bioassays, United States Pharmacopeia (USP) Reference Standard	1248200-1AMP
Erythropoietin for physicochemical tests, European Pharmacopoeia (EP) Reference Standard	Y0001725-3EA
✓ Escin, United States Pharmacopeia (USP) Reference Standard	1249202-350MG
✓ Escitalopram oxalate, United States Pharmacopeia (USP) Reference Standard	1249406-200MG
Escitalopram oxalate, European Pharmacopoeia (EP) Reference Standard	Y0001796
Escitalopram for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001797
✓ Escitalopram Related Compound A, United States Pharmacopeia (USP) Reference Standard	1249417-10MG
Esculetin, European Pharmacopoeia (EP) Reference Standard	Y0001611
Esculin, European Pharmacopoeia (EP) Reference Standard	Y0001612
Esketamine hydrochloride - reference spectrum, European Pharmacopoeia (EP)	Y0000324
✓ Esmolol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1249701-100MG
Esomeprazole magnesium dihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001660
✓ Esomeprazole magnesium, United States Pharmacopeia (USP) Reference Standard	1249789-25MG
Esomeprazole magnesium trihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001028
Essential oil, European Pharmacopoeia (EP) Reference Standard	Y0000749
✓ Estazolam, United States Pharmacopeia (USP) Reference Standard	1249905-100MG
✓ Estazolam Related Compound A, United States Pharmacopeia (USP) Reference Standard	1249916-10MG
✓ Estradiol, United States Pharmacopeia (USP) Reference Standard	1250008-500MG
Estradiol hemihydrate, European Pharmacopoeia (EP) Reference Standard	E1620000
Estradiol benzoate, European Pharmacopoeia (EP) Reference Standard	E1600000
✓ Estradiol benzoate, United States Pharmacopeia (USP) Reference Standard	1251000-250MG
Estradiol benzoate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000852
✓ Estradiol cypionate, United States Pharmacopeia (USP) Reference Standard	1252003-200MG
✓ Estradiol cypionate System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1252193-10MG
Estradiol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000314
✓ Estradiol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1250020-10MG
✓ Estradiol Related Compound C, United States Pharmacopeia (USP) Reference Standard	1250041-15MG
Estradiol valerate, European Pharmacopoeia (EP) Reference Standard	Y0000046
✓ Estradiol valerate, United States Pharmacopeia (USP) Reference Standard	1254009-100MG
Estriol, European Pharmacopoeia (EP) Reference Standard	E1680000
✓ Estriol, United States Pharmacopeia (USP) Reference Standard	1254508-100MG
Estriol impurity A, European Pharmacopoeia (EP) Reference Standard	E1680005
Estrone, European Pharmacopoeia (EP) Reference Standard	E1700000
✓ Estrone, United States Pharmacopeia (USP) Reference Standard	1255001-200MG
✓ Estropipate, United States Pharmacopeia (USP) Reference Standard	1255500-500MG

* Name	Catalog Number
✓ Eszopiclone, United States Pharmacopeia (USP) Reference Standard	1255850-100MG
✓ Eszopiclone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1255861-10MG
Etacrynic acid for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001263
Etamsylate, European Pharmacopoeia (EP) Reference Standard	E1830000
Ethacridine lactate monohydrate, European Pharmacopoeia (EP) Reference Standard	E1840000
Ethacrynic acid, European Pharmacopoeia (EP) Reference Standard	E1800000
✓ Ethacrynic acid, United States Pharmacopeia (USP) Reference Standard	1256004-200MG
Ethambutol hydrochloride, European Pharmacopoeia (EP) Reference Standard	E1850000
Ethambutol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000803
✓ Ethambutol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1257007-200MG
✓ Ethambutol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1257018-15MG
✓ Ethambutol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1257029-15MG
Ethanol (anhydrous) - reference spectrum, European Pharmacopoeia (EP)	A1202800
Ethanol 96% - reference spectrum, European Pharmacopoeia (EP)	E1860100
✓ Ethchlorvynol, United States Pharmacopeia (USP) Reference Standard	1258305-0.7ML
✓ Ethinyl estradiol, United States Pharmacopeia (USP) Reference Standard	1260001-150MG
Ethinylestradiol, European Pharmacopoeia (EP) Reference Standard	E1900000
Ethinylestradiol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001124
✓ Ethinyl estradiol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1260012-20MG
✓ Ethinyl estradiol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1260023-20MG
✓ Ethionamide, United States Pharmacopeia (USP) Reference Standard	1261004-200MG
Ethionamide, European Pharmacopoeia (EP) Reference Standard	E2000000
Ethionamide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001686
✓ Ethopabate, United States Pharmacopeia (USP) Reference Standard	1262801-125MG
✓ Ethopabate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1262823-25MG
Ethosuximide, European Pharmacopoeia (EP) Reference Standard	E2150000
✓ Ethosuximide, United States Pharmacopeia (USP) Reference Standard	1264002-500MG
Ethosuximide impurity A, European Pharmacopoeia (EP) Reference Standard	E2250000
✓ Ethotoin, United States Pharmacopeia (USP) Reference Standard	1264501-200MG
✓ Ethoxzolamide, United States Pharmacopeia (USP) Reference Standard	1265005-200MG
✓ Ethyl acetate, United States Pharmacopeia (USP) Reference Standard	1265402-3X1.2ML
Ethyl acetate - reference spectrum, European Pharmacopoeia (EP)	E2195000
✓ Ethyl acrylate and methyl methacrylate copolymer dispersion, United States Pharmacopeia (USP) Reference Standard	1265424-1.5G
✓ Ethylbenzene, United States Pharmacopeia (USP) Reference Standard	1265457-3X0.5ML
✓ Ethyl cellulose, United States Pharmacopeia (USP) Reference Standard	1265504-1G

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Ethyl cellulose, European Pharmacopoeia (EP) Reference Standard	Y0001633
✓ Ethylene glycol, United States Pharmacopeia (USP) Reference Standard	1265515-0.5ML
✓ Ethylene Glycol and Vinyl Alcohol Graft Copolymer, United States Pharmacopeia (USP) Reference Standard	1265592-1G
✓ Ethyl formate, United States Pharmacopoeia (USP) Reference Standard	1265606-3X1.2ML
1-N-Ethylgaramine sulfate, European Pharmacopoeia (EP) Reference Standard	E2202000
✓ 2-Ethylhexan-1-ol, United States Pharmacopoeia (USP) Reference Standard	1265526-1.5ML
✓ Ethylhexyl triazone, United States Pharmacopoeia (USP) Reference Standard	1265537-200MG
✓ Ethylhexyl triazone Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1265548-20MG
✓ Ethylhexyl triazone Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1265559-20MG
✓ Ethylhexyl triazone Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1265560-20MG
1,1'-Ethylidenebistryptophan, European Pharmacopoeia (EP) Reference Standard	E2205500-2EA
Ethyl indole-3-carboxylate, European Pharmacopoeia (EP) Reference Standard	Y0000617
✓ Ethyl laurate, United States Pharmacopoeia (USP) Reference Standard	1265752-500MG
✓ Ethyl lauroyl arginate, United States Pharmacopoeia (USP) Reference Standard	1265800-200MG
✓ Ethyl linoleate, United States Pharmacopoeia (USP) Reference Standard	1265843-1ML
✓ Ethyl maltol, United States Pharmacopoeia (USP) Reference Standard	1266008-1G
(1R,2R,4S,5S,7s,9r)-9-Ethyl-9-methyl-7-[(2-phenylprop-2-enoyl)oxy]-3-oxa-9-azoniatricyclo [3.3.1.2 ^{2,4}]nonane, European Pharmacopoeia (EP) Reference Standard	Y0000713
Ethylmorphine hydrochloride - reference spectrum, European Pharmacopoeia (EP)	E2300000
Ethylnicotinamide, European Pharmacopoeia (EP) Reference Standard	E2400000
✓ Ethyl 4-nitrobenzoate, United States Pharmacopoeia (USP) Reference Standard	1265300-40MG
✓ Ethylnorepinephrine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1266507-200MG
✓ Ethyl oleate, United States Pharmacopoeia (USP) Reference Standard	1266609-1ML
✓ Ethyl palmitate, United States Pharmacopoeia (USP) Reference Standard	1266868-500MG
✓ Ethylparaben, United States Pharmacopoeia (USP) Reference Standard	1267000-200MG
Ethyl parahydroxybenzoate, European Pharmacopoeia (EP) Reference Standard	E2425000
✓ N-Ethylpiperazine, United States Pharmacopoeia (USP) Reference Standard	1266802-0.5ML
✓ Ethyl stearate, United States Pharmacopoeia (USP) Reference Standard	1267102-100MG
✓ Ethyl vanillin, United States Pharmacopoeia (USP) Reference Standard	1267500-200MG
✓ Ethynodiol diacetate, United States Pharmacopoeia (USP) Reference Standard	1268003-200MG
Etidronate disodium, European Pharmacopoeia (EP) Reference Standard	Y0000572
✓ Etidronate disodium, United States Pharmacopoeia (USP) Reference Standard	1268502-200MG
✓ Etidronate disodium Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1268513-300MG
✓ Etidronic acid monohydrate, United States Pharmacopoeia (USP) Reference Standard	1268604-1G
Etilefrine hydrochloride, European Pharmacopoeia (EP) Reference Standard	E2451000

* Name	Catalog Number
Etilefrine impurity A, European Pharmacopoeia (EP) Reference Standard	E2451010
Etodolac, European Pharmacopoeia (EP) Reference Standard	E2470000
✓ Etodolac, United States Pharmacopoeia (USP) Reference Standard	1268706-400MG
Etodolac for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000768
Etodolac impurity H, European Pharmacopoeia (EP) Reference Standard	E2470050
Etofenamate, European Pharmacopoeia (EP) Reference Standard	E2499900
Etofenamate for peak identification, European Pharmacopoeia (EP) Reference Standard	E2499901
Etofenamate impurity G, European Pharmacopoeia (EP) Reference Standard	E2499914
Etofylline, European Pharmacopoeia (EP) Reference Standard	E2500000
Etomidate, European Pharmacopoeia (EP) Reference Standard	E2503000
✓ Etomidate, United States Pharmacopoeia (USP) Reference Standard	1268750-200MG
Etomidate impurity B, European Pharmacopoeia (EP) Reference Standard	E2503004
✓ Etonogestrel, United States Pharmacopoeia (USP) Reference Standard	1268783-50MG
✓ Etonogestrel Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1268794-10MG
✓ Etoposide, United States Pharmacopoeia (USP) Reference Standard	1268808-300MG
Etoposide, European Pharmacopoeia (EP) Reference Standard	E2600000
Etoposide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001365
✓ Etoposide Resolution Mixture, United States Pharmacopoeia (USP) Reference Standard	1268852-30MG
✓ Etoricoxib, United States Pharmacopoeia (USP) Reference Standard	1268863-200MG
✓ Etoricoxib Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1268896-50MG
✓ Eucalyptol, United States Pharmacopoeia (USP) Reference Standard	1268900-200MG
✓ Eucalyptus oil, United States Pharmacopoeia (USP) Reference Standard	1268919-1G
Eucommia bark HRS, European Pharmacopoeia (EP) Reference Standard	Y0001605
Eugenol, European Pharmacopoeia (EP) Reference Standard	E5000000
✓ Eugenol, United States Pharmacopoeia (USP) Reference Standard	1268965-500MG
✓ Evening primrose oil, United States Pharmacopoeia (USP) Reference Standard	1269017-1G
✓ Exemestane, United States Pharmacopoeia (USP) Reference Standard	1269050-150MG
Exemestane, European Pharmacopoeia (EP) Reference Standard	Y0001747
Exemestane for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001756
✓ Exemestane Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1269061-15MG
✓ Exemestane Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1269072-15MG
✓ Exemestane Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1269083-15MG
✓ Exemestane System Suitability Mixture, United States Pharmacopoeia (USP) Reference Standard	1269094-25MG
✓ Exo-tetrahydrocannabinol, United States Pharmacopoeia (USP) Reference Standard	1090014-1ML
✓ Ezetimibe, United States Pharmacopoeia (USP) Reference Standard	1269028-250MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Ezetimibe System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1269039-20MG
✓ Famciclovir, United States Pharmacopeia (USP) Reference Standard	1269152-200MG
✓ Famciclovir Related Compound B, United States Pharmacopeia (USP) Reference Standard	1269185-20MG
✓ Famciclovir Related Compound C, United States Pharmacopeia (USP) Reference Standard	1269196-20MG
✓ Famciclovir Related Compound E, United States Pharmacopeia (USP) Reference Standard	1269130-25MG
✓ Famciclovir Related Compound F, United States Pharmacopeia (USP) Reference Standard	1269141-25MG
✓ Famciclovir System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1269163-20MG
✓ FAME standard mixture, United States Pharmacopeia (USP) Reference Standard	1269119-100MG
✓ Famotidine, United States Pharmacopeia (USP) Reference Standard	1269200-125MG
Famotidine, European Pharmacopoeia (EP) Reference Standard	F0005000
Famotidine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000382
Famotidine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000409
✓ Famotidine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1269221-25MG
✓ Famotidine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1269232-25MG
✓ Famotidine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1269243-25MG
✓ Famotidine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1269254-25MG
✓ Famotidine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1269265-25MG
✓ Famotidine sulfoxide, United States Pharmacopeia (USP) Reference Standard	1269298-25MG
Febantel, European Pharmacopoeia (EP) Reference Standard	Y0000556
Febantel for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000660
✓ Felbamate, United States Pharmacopeia (USP) Reference Standard	1269312-250MG
✓ Felbamate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1269323-25MG
✓ Felbamate Related Compound B, United States Pharmacopeia (USP) Reference Standard	1269334-25MG
Felbinac, European Pharmacopoeia (EP) Reference Standard	Y0000731
Felbinac impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000732
Felodipine, European Pharmacopoeia (EP) Reference Standard	F0030000
✓ Felodipine, United States Pharmacopeia (USP) Reference Standard	1269389-300MG
✓ Felodipine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1269390-15MG
Felypressin, European Pharmacopoeia (EP) Reference Standard	Y0000415
✓ Fenbendazole, United States Pharmacopeia (USP) Reference Standard	1269403-100MG
Fenbendazole, European Pharmacopoeia (EP) Reference Standard	F0040000
Fenbendazole impurity A, European Pharmacopoeia (EP) Reference Standard	F0040010
Fenbendazole impurity B, European Pharmacopoeia (EP) Reference Standard	F0040020
✓ Fenbendazole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1269414-30MG
✓ Fenbendazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1269425-30MG

* Name	Catalog Number
Fenbufen, European Pharmacopoeia (EP) Reference Standard	F0041000
✓ Fenofibrate, United States Pharmacopeia (USP) Reference Standard	1269447-200MG
Fenofibrate, European Pharmacopoeia (EP) Reference Standard	F0048000
Fenofibrate impurity A, European Pharmacopoeia (EP) Reference Standard	F0048005
Fenofibrate impurity B, European Pharmacopoeia (EP) Reference Standard	F0048010
Fenofibrate impurity G, European Pharmacopoeia (EP) Reference Standard	F0048035
✓ Fenofibrate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1269607-25MG
✓ Fenofibrate Related Compound B, United States Pharmacopeia (USP) Reference Standard	1269618-25MG
✓ Fenofibrate Related Compound C, United States Pharmacopeia (USP) Reference Standard	1269629-25MG
✓ Fenoldopam mesylate, United States Pharmacopeia (USP) Reference Standard	1269458-200MG
✓ Fenoldopam Related Compound A, United States Pharmacopeia (USP) Reference Standard	1269469-20MG
✓ Fenoldopam Related Compound B, United States Pharmacopeia (USP) Reference Standard	1269470-20MG
✓ Fenopropfen calcium, United States Pharmacopeia (USP) Reference Standard	1269505-500MG
✓ Fenopropfen sodium, United States Pharmacopeia (USP) Reference Standard	1269550-500MG
Fenoterol hydrobromide, European Pharmacopoeia (EP) Reference Standard	F0050000
Fenoterol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000756
✓ Fenoverine, United States Pharmacopeia (USP) Reference Standard	1269651-200MG
✓ Fentanyl, United States Pharmacopeia (USP) Reference Standard	1269902-100MG
✓ Fentanyl citrate, United States Pharmacopeia (USP) Reference Standard	1270005-100MG
Fentanyl citrate - reference spectrum, European Pharmacopoeia (EP)	F0055000
Fentanyl - reference spectrum, European Pharmacopoeia (EP) Reference Standard	F0054990
✓ Fentanyl Related Compound A, United States Pharmacopeia (USP) Reference Standard	1269913-100MG
✓ Fentanyl Related Compound B, United States Pharmacopeia (USP) Reference Standard	1269924-10MG
✓ Fentanyl Related Compound D, United States Pharmacopeia (USP) Reference Standard	1269946-10MG
✓ Fentanyl Related Compound E, United States Pharmacopeia (USP) Reference Standard	1269957-10MG
✓ Fentanyl Related Compound G, United States Pharmacopeia (USP) Reference Standard	1269979-10MG
Fenticonazole impurity D, European Pharmacopoeia (EP) Reference Standard	F0060040
Fenticonazole nitrate, European Pharmacopoeia (EP) Reference Standard	F0060000
Ferrous gluconate, European Pharmacopoeia (EP) Reference Standard	F0100000
✓ Ferrous sulfate, United States Pharmacopeia (USP) Reference Standard	1270355-1.5G
Ferulic acid, European Pharmacopoeia (EP) Reference Standard	Y0001013
✓ Ferulic acid, United States Pharmacopeia (USP) Reference Standard	1270311-25MG
✓ Fetal Bovine Serum, United States Pharmacopeia (USP) Reference Standard	1270548-10ML
✓ Fexofenadine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1270377-200MG
Fexofenadine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000789

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Fexofenadine impurity A,, European Pharmacopoeia (EP) Reference Standard	Y0000751
Fexofenadine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000752
Fexofenadine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000753
✓ Fexofenadine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1270388-25MG
✓ Fexofenadine Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1270399-25MG
✓ Fexofenadine Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1270446-15MG
Filgrastim, European Pharmacopoeia (EP) Reference Standard	Y0001173
✓ Filgrastim, United States Pharmacopoeia (USP) Reference Standard	1270435-0.98MG
Finasteride, European Pharmacopoeia (EP) Reference Standard	Y0000090
✓ Finasteride, United States Pharmacopoeia (USP) Reference Standard	1270402-200MG
Finasteride for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001604
✓ Fish oil, United States Pharmacopoeia (USP) Reference Standard	1270424-1G
✓ Flavoxate hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1270708-200MG
Flavoxate hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000736
Flavoxate impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000737
Flavoxate impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000738
✓ Flavoxate Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1270719-25MG
✓ Flavoxate Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1270720-20MG
✓ Flavoxate Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1270731-20MG
✓ Flax seed oil, United States Pharmacopoeia (USP) Reference Standard	1270774-1G
Flecainide acetate, European Pharmacopoeia (EP) Reference Standard	F0120000
✓ Flecainide acetate, United States Pharmacopoeia (USP) Reference Standard	1270800-200MG
Flecainide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001274
Flecainide impurity A, European Pharmacopoeia (EP) Reference Standard	F0120005
Flecainide impurity B, European Pharmacopoeia (EP) Reference Standard	F0120010
✓ Flecainide Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1270821-75MG
Fleeceflower root HRS, European Pharmacopoeia (EP) Reference Standard	Y0001606
✓ Floxuridine, United States Pharmacopoeia (USP) Reference Standard	1271008-250MG
Flubendazol, European Pharmacopoeia (EP) Reference Standard	Y0000138
Flubendazole for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000139
Flucloxacillin impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000889
Flucloxacillin impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000890
Flucloxacillin impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000891
Flucloxacillin magnesium octadecahydrate, European Pharmacopoeia (EP) Reference Standard	Y0000892
Flucloxacillin sodium, European Pharmacopoeia (EP) Reference Standard	F0150000

* Name	Catalog Number
✓ Fluconazole , United States Pharmacopoeia (USP) Reference Standard	1271700-200MG
Fluconazole, European Pharmacopoeia (EP) Reference Standard	Y0000557
Fluconazole for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000558
Fluconazole impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000573
Fluconazole impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000574-2EA
✓ Fluconazole Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1271711-10MG
✓ Fluconazole Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1271722-10MG
✓ Fluconazole Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1271733-10MG
Flucytosine, European Pharmacopoeia (EP) Reference Standard	F0175000
✓ Flucytosine, United States Pharmacopoeia (USP) Reference Standard	1272000-200MG
Flucytosine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001262
Fludarabine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001536
✓ Fludarabine phosphate, United States Pharmacopoeia (USP) Reference Standard	1272204-300MG
Fludarabine phosphate, European Pharmacopoeia (EP) Reference Standard	Y0000419
✓ Fludeoxyglucose, United States Pharmacopoeia (USP) Reference Standard	1272907-100MG
✓ Fludeoxyglucose Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1272918-15MG
✓ Fludeoxyglucose Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1272929-10MG
Fludrocortisone acetate, European Pharmacopoeia (EP) Reference Standard	F0180000
✓ Fludrocortisone acetate, United States Pharmacopoeia (USP) Reference Standard	1273003-200MG
✓ Flumazenil, United States Pharmacopoeia (USP) Reference Standard	1273808-200MG
Flumazenil impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000335
Flumazenil - reference spectrum, European Pharmacopoeia (EP) Reference Standard	F0188000
✓ Flumazenil Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1273819-20MG
✓ Flumazenil Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1273820-20MG
✓ Flumazenil Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1273841-500MG
Flumequine, European Pharmacopoeia (EP) Reference Standard	F0189000
Flumequine impurity B, European Pharmacopoeia (EP) Reference Standard	F0189020
Flumethasone pivalate, European Pharmacopoeia (EP) Reference Standard	F0188500
✓ Flumethasone pivalate, United States Pharmacopoeia (USP) Reference Standard	1274006-200MG
Flunarizine dihydrochloride, European Pharmacopoeia (EP) Reference Standard	F0189900
Flunarizine dihydrochloride for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000266
Flunarizine dihydrochloride - reference spectrum, European Pharmacopoeia (EP)	Y0000265
✓ Flunisolide, United States Pharmacopoeia (USP) Reference Standard	1274505-200MG
Flunitrazepam, European Pharmacopoeia (EP) Reference Standard	F0190000-100MG F0190000
Flunitrazepam - reference spectrum, European Pharmacopoeia (EP)	Y0000169

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Flunixin impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000444
Flunixin impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000445
Flunixin meglumine, European Pharmacopoeia (EP) Reference Standard	Y0000443
✓ Flunixin meglumine, United States Pharmacopoeia (USP) Reference Standard	1274607-300MG
✓ Flunixin Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1274629-15MG
✓ Flunixin Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1274630-25MG
✓ Flunixin Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1274631-50MG
Fluocinolone acetonide, European Pharmacopoeia (EP) Reference Standard	F0200000
✓ Fluocinolone acetonide, United States Pharmacopoeia (USP) Reference Standard	1275009-100MG
Fluocinolone acetonide for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001711
Fluocinolone acetonide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001710
✓ Fluocinonide, United States Pharmacopoeia (USP) Reference Standard	1276001-100MG
Fluocortolone pivalate, European Pharmacopoeia (EP) Reference Standard	F0230000
Fluorescein, European Pharmacopoeia (EP) Reference Standard	Y0000796
✓ Fluorescein, United States Pharmacopoeia (USP) Reference Standard	1277004-200MG
Fluoresceine sodium - reference spectrum, European Pharmacopoeia (EP) Reference Standard	F0245000
Fluorescein impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000804
✓ Fluorescein Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1277037-25MG
✓ Fluoride dentifrice: sodium fluoride/silica, United States Pharmacopoeia (USP) Reference Standard	1277252-4.6OZ
✓ Fluoride dentifrice: sodium fluoride/sodium bicarbonate powder, United States Pharmacopoeia (USP) Reference Standard	1277274-4OZ
✓ Fluoride dentifrice: sodium monofluorophosphate (1000 ppm)/silica, United States Pharmacopoeia (USP) Reference Standard	1277401-5.25OZ
✓ Fluoride dentifrice: sodium monofluorophosphate (1500 ppm)/silica, United States Pharmacopoeia (USP) Reference Standard	1277423-5.25OZ
✓ Fluoride dentifrice: Sodium monofluorophosphate/calcium carbonate, United States Pharmacopoeia (USP) Reference Standard	1277300-4.6OZ
✓ Fluoride dentifrice: sodium monofluorophosphate/dicalcium phosphate, United States Pharmacopoeia (USP) Reference Standard	1277354-4.6OZ
✓ Fluoride dentifrice: stannous fluoride/silica, United States Pharmacopoeia (USP) Reference Standard	1277456-4OZ
✓ Fluorometholone, United States Pharmacopoeia (USP) Reference Standard	1278007-200MG
✓ Fluorometholone acetate, United States Pharmacopoeia (USP) Reference Standard	1278109-200MG
✓ Fluorometholone Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1278018-15MG
✓ Fluoroquinolonic acid, United States Pharmacopoeia (USP) Reference Standard	1278302-150MG
Fluorouracil, European Pharmacopoeia (EP) Reference Standard	F0250000
✓ Fluorouracil, United States Pharmacopoeia (USP) Reference Standard	1279000-250MG
Fluorouracil impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000765
Fluorouracil impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0000791

* Name	Catalog Number
✓ Fluorouracil Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1279019-25MG
✓ Fluorouracil Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1279021-25MG
✓ Fluorouracil Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1279054-25MG
✓ Fluorouracil Related Compound F, United States Pharmacopoeia (USP) Reference Standard	1279065-25MG
✓ Fluoxetine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1279804-200MG
Fluoxetine hydrochloride, European Pharmacopoeia (EP) Reference Standard	F0253000
Fluoxetine impurity B, European Pharmacopoeia (EP) Reference Standard	F0253020
Fluoxetine impurity C, European Pharmacopoeia (EP) Reference Standard	F0253030
✓ Fluoxetine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1279815-15MG
✓ Fluoxetine Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1279826-5ML
✓ Fluoxetine Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1279837-15MG
Flupentixol dihydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000064
Flupentixol impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000067
Flupentixol impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000078
Fluphenazine dihydrochloride, European Pharmacopoeia (EP) Reference Standard	F0280000
✓ Fluphenazine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1282004-125MG
Fluphenazine decanoate, European Pharmacopoeia (EP) Reference Standard	F0260000
✓ Fluphenazine decanoate dihydrochloride, United States Pharmacopoeia (USP) Reference Standard	1280803-300MG
Fluphenazine enantate, European Pharmacopoeia (EP) Reference Standard	Y0000009
✓ Fluphenazine enanthate dihydrochloride, United States Pharmacopoeia (USP) Reference Standard	1281001-125MG
Fluphenazine impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0000708
Fluphenazine octanoate, European Pharmacopoeia (EP) Reference Standard	Y0000298
Fluphenazine sulfoxide, European Pharmacopoeia (EP) Reference Standard	Y0000299
✓ Flurandrenolide, United States Pharmacopoeia (USP) Reference Standard	1284000-100MG
✓ Flurazepam hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1285002-200MG
Flurazepam monohydrochloride - reference spectrum, European Pharmacopoeia (EP)	Y0000211
✓ Flurazepam Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1285308-50MG
✓ Flurazepam Related Compound F, United States Pharmacopoeia (USP) Reference Standard	1285603-50MG
Flurbiprofen, European Pharmacopoeia (EP) Reference Standard	F0285200
✓ Flurbiprofen, United States Pharmacopoeia (USP) Reference Standard	1285750-200MG
Flurbiprofen impurity A, European Pharmacopoeia (EP) Reference Standard	F0285202
✓ Flurbiprofen Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1285760-100MG
✓ Flurbiprofen sodium, United States Pharmacopoeia (USP) Reference Standard	1285807-200MG
Fluspirilene, European Pharmacopoeia (EP) Reference Standard	Y0000236
Fluspirilene impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000375

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Flutamide, European Pharmacopoeia (EP) Reference Standard	F0285600
✓ Flutamide, United States Pharmacopeia (USP) Reference Standard	1285851-200MG
✓ o-Flutamide, United States Pharmacopeia (USP) Reference Standard	1285862-50MG
Flutamide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001591
✓ Flutamide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1285997-20MG
✓ Flutamide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1285986-20MG
Fluticasone impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000221
✓ Fluticasone propionate, United States Pharmacopeia (USP) Reference Standard	1285873-100MG
Fluticasone propionate, European Pharmacopoeia (EP) Reference Standard	Y0000284
Fluticasone propionate for impurity C identification, European Pharmacopoeia (EP) Reference Standard	Y0001754
Fluticasone propionate for impurity G identification, European Pharmacopoeia (EP) Reference Standard	Y0001755
✓ Fluticasone Propionate Nasal Spray Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1285910-25MG
✓ Fluticasone propionate Related Compound D, United States Pharmacopeia (USP) Reference Standard	1285829-15MG
✓ Fluticasone propionate Related Compound J, United States Pharmacopeia (USP) Reference Standard	1285818-15MG
✓ Fluticasone Propionate Related Compounds Mixture, United States Pharmacopeia (USP) Reference Standard	1285840-25MG
✓ Fluticasone Propionate Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1285884-25MG
✓ Fluticasone Propionate System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1285895-25MG
Flutrimazole, European Pharmacopoeia (EP) Reference Standard	F0290000
Flutrimazole impurity B, European Pharmacopoeia (EP) Reference Standard	F0290010
Fluvastatin sodium, European Pharmacopoeia (EP) Reference Standard	Y0001090
✓ Fluvastatin sodium, United States Pharmacopeia (USP) Reference Standard	1285931-350MG
Fluvastatin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001082
✓ Fluvastatin for System Suitability, United States Pharmacopeia (USP) Reference Standard	1285942-25MG
✓ Fluvastatin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1285964-15MG
Fluvoxamine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000853
Fluvoxamine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000916
Fluvoxamine maleate, European Pharmacopoeia (EP) Reference Standard	Y0000854
✓ Fluvoxamine maleate, United States Pharmacopeia (USP) Reference Standard	1285909-200MG
Foeniculin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000386
✓ Folic acid, United States Pharmacopeia (USP) Reference Standard	1286005-500MG
Folic acid, European Pharmacopoeia (EP) Reference Standard	F0300000-2EA
Folic acid impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001242
Folic acid impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001243
✓ Folic Acid Related Compound A, United States Pharmacopeia (USP) Reference Standard	1286027-50MG
Follitropin, European Pharmacopoeia (EP) Reference Standard	Y0001629

* Name	Catalog Number
Follitropin for peptide mapping and glycan analysis, European Pharmacopoeia (EP) Reference Standard	Y0001627
✓ Fondaparinux sodium for Assay, United States Pharmacopeia (USP) Reference Standard	1282707-0.6ML
✓ Fondaparinux sodium identification, United States Pharmacopeia (USP) Reference Standard	1282718-30MG
✓ Fondaparinux sodium System Suitability Mixture A, United States Pharmacopeia (USP) Reference Standard	1282729-2.5MG
✓ Fondaparinux sodium System Suitability Mixture B, United States Pharmacopeia (USP) Reference Standard	1282730-2.5MG
✓ Formic acid, United States Pharmacopeia (USP) Reference Standard	1283200-3X1.2ML
✓ Formononetin, United States Pharmacopeia (USP) Reference Standard	1286060-50MG
Formoterol fumarate dihydrate, European Pharmacopoeia (EP) Reference Standard	F0372000-10MG F0372000
Formoterol for impurity I identification, European Pharmacopoeia (EP) Reference Standard	Y0000339
✓ Formoterol fumarate, United States Pharmacopeia (USP) Reference Standard, monograph mol wt. 840.91 ((C ₁₉ H ₂₄ N ₂ O ₄) ₂ · C ₄ H ₄ O ₄ · 2H ₂ O)	1286107-100MG
Formoterol fumarate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000340
✓ Formoterol fumarate Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1286129-20MG
✓ Formoterol fumarate system suitability mixture, United States Pharmacopeia (USP) Reference Standard	1286118-20MG
Formylfolic acid, European Pharmacopoeia (EP) Reference Standard	F0380000
✓ 10-Formylfolic acid, United States Pharmacopeia (USP) Reference Standard	1286300-25MG
✓ Forskolin, United States Pharmacopeia (USP) Reference Standard	1283244-40MG
Foscarnet impurity B, European Pharmacopoeia (EP) Reference Standard	F0389004
Foscarnet impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001222
Foscarnet impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001213
✓ Foscarnet Related Compound B, United States Pharmacopeia (USP) Reference Standard	1283313-10MG
✓ Foscarnet Related Compound D, United States Pharmacopeia (USP) Reference Standard	1283324-0.27ML
✓ Foscarnet sodium, United States Pharmacopeia (USP) Reference Standard	1283302-50MG
Foscarnet sodium hexahydrate, European Pharmacopoeia (EP) Reference Standard	F0389000
Fosfomicin calcium, European Pharmacopoeia (EP) Reference Standard	Y0000782
Fosfomicin sodium - reference spectrum, European Pharmacopoeia (EP) Reference Standard	F0399950
Fosfomicin trometamol, European Pharmacopoeia (EP) Reference Standard	F0400000
✓ Fosfomicin tromethamine, United States Pharmacopeia (USP) Reference Standard	1286322-800MG
Fosinopril sodium, European Pharmacopoeia (EP) Reference Standard	Y0001227
✓ Fosinopril sodium, United States Pharmacopeia (USP) Reference Standard	1283404-200MG
Fosinopril impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001228
Fosinopril impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001229
Fosinopril impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001230
Fosinopril impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001231
Fosinopril impurity I, European Pharmacopoeia (EP) Reference Standard	Y0001232
Fosinopril impurity K, European Pharmacopoeia (EP) Reference Standard	Y0001233

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Fosinopril impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001212
✓ Fosinopril Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1283415-25MG
✓ Fosinopril Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1283426-25MG
✓ Fosinopril Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1283437-15MG
✓ Fosinopril Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1283448-15MG
✓ Fosinopril Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1283459-15MG
✓ Fosinopril Related Compound F, United States Pharmacopoeia (USP) Reference Standard	1283460-15MG
✓ Fosinopril Related Compound G, United States Pharmacopoeia (USP) Reference Standard	1283470-15MG
✓ Fosinopril Related Compound H, United States Pharmacopoeia (USP) Reference Standard	1283481-25MG
✓ Fosphenytoin sodium, United States Pharmacopoeia (USP) Reference Standard	1286366-350MG
Framycetin sulfate, European Pharmacopoeia (EP) Reference Standard	F0450000-2EA
✓ Frovatriptan Racemate, United States Pharmacopoeia (USP) Reference Standard	1286402-15MG
✓ Frovatriptan Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1286424-20MG
✓ Frovatriptan succinate, United States Pharmacopoeia (USP) Reference Standard	1286413-200MG
✓ Fructose, United States Pharmacopoeia (USP) Reference Standard	1286504-125MG
Fructose, European Pharmacopoeia (EP) Reference Standard	F0550000
✓ L-Fucose, United States Pharmacopoeia (USP) Reference Standard	1286606-200MG
✓ Fulvestrant, United States Pharmacopoeia (USP) Reference Standard	1286650-150MG
Fulvestrant, European Pharmacopoeia (EP) Reference Standard	Y0001399
Fulvestrant for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001413
✓ Fulvestrant System Suitability Mixture, United States Pharmacopoeia (USP) Reference Standard	1286661-15MG
✓ Fumaric acid, United States Pharmacopoeia (USP) Reference Standard	1286708-200MG
Fumaric acid, European Pharmacopoeia (EP) Reference Standard	F0600000
✓ Furazolidone, United States Pharmacopoeia (USP) Reference Standard	1286800-200MG
Furosemide, European Pharmacopoeia (EP) Reference Standard	F0700000
✓ Furosemide, United States Pharmacopoeia (USP) Reference Standard	1287008-200MG
Furosemide for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001493
Furosemide impurity A, European Pharmacopoeia (EP) Reference Standard	F0702000
✓ Furosemide Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1287020-50MG
✓ Furosemide Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1287030-100MG
Fusidic acid, European Pharmacopoeia (EP) Reference Standard	Y0001411
Fusidic acid for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001394
Fusidic acid impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001384
✓ Gabapentin, United States Pharmacopoeia (USP) Reference Standard	1287303-250MG
Gabapentin, European Pharmacopoeia (EP) Reference Standard	Y0001280

* Name	Catalog Number
Gabapentin impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001281
Gabapentin impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001348
Gabapentin impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001349
✓ Gabapentin Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1287325-50MG
✓ Gabapentin Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1287347-30MG
✓ Gabapentin Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1287358-10MG
✓ Gabapentin Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1287369-25MG
Gadobutrol monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0001803
Gadobutrol for peak identification	Y0001804
✓ Gadodiamide, United States Pharmacopoeia (USP) Reference Standard	1287507-500MG
✓ Gadodiamide Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1287518-50MG
✓ Gadodiamide Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1287529-50MG
✓ Gadopentetate monomeglumine, United States Pharmacopoeia (USP) Reference Standard	1287609-250MG
✓ Gadoteridol, United States Pharmacopoeia (USP) Reference Standard	1287631-500MG
✓ Gadoteridol Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1287642-50MG
✓ Gadoteridol Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1287653-50MG
✓ Gadoteridol Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1287664-50MG
✓ Gadoversetamide, United States Pharmacopoeia (USP) Reference Standard	1287675-200MG
✓ Gadoversetamide Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1287686-200MG
Galactitol, European Pharmacopoeia (EP) Reference Standard	G0049000
✓ Galactitol, United States Pharmacopoeia (USP) Reference Standard	1287711-500MG
✓ Galactosamine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1287722-50MG
✓ Galactose, United States Pharmacopoeia (USP) Reference Standard	1287700-200MG
Galactose, European Pharmacopoeia (EP) Reference Standard	G0050000
✓ Galantamine hydrobromide, United States Pharmacopoeia (USP) Reference Standard	1287755-200MG
Galantamine hydrobromide, European Pharmacopoeia (EP) Reference Standard	Y0001279
✓ Galantamine hydrobromide racemic, United States Pharmacopoeia (USP) Reference Standard	1287766-15MG
✓ Galantamine Hydrobromide Related Compounds Mixture, United States Pharmacopoeia (USP) Reference Standard	1287777-25MG
Galantamine natural for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001190
Galantamine racemic mixture, European Pharmacopoeia (EP) Reference Standard	Y0001201
Galantamine synthetic for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001191
Gallamine triethiodide, European Pharmacopoeia (EP) Reference Standard	G0100000
✓ Gallamine triethiodide, United States Pharmacopoeia (USP) Reference Standard	1288000-200MG
Gammacyclodextrin	G0150000
✓ Gamma Cyclodextrin, United States Pharmacopoeia (USP) Reference Standard	1154591-200MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Gamma-Glutamyl-(S)-Allyl-L-Cysteine, United States Pharmacopeia (USP) Reference Standard	1294848-30MG
Ganciclovir, European Pharmacopoeia (EP) Reference Standard	Y0001129
✓ Ganciclovir, United States Pharmacopeia (USP) Reference Standard	1288306-200MG
Ganciclovir impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001144
✓ Ganciclovir mono-N-methyl valinate, United States Pharmacopeia (USP) Reference Standard	1288339-10MG
✓ Ganciclovir Related Compound A, United States Pharmacopeia (USP) Reference Standard	1288317-15MG
✓ Ganoderic acid A, United States Pharmacopeia (USP) Reference Standard	1288383-50MG
✓ Ganoderma lucidum Fruiting Body Dry Extract, United States Pharmacopeia (USP) Reference Standard	1288372-1G
✓ Gatifloxacin, United States Pharmacopeia (USP) Reference Standard	1288408-300MG
Gefitinib, EuropePharmacopoeia (EP) Reference Standard	Y0001813
Gefitinib for system suitability, EuropePharmacopoeia (EP) Reference Standard	Y0001809
Gemcitabine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000675
✓ Gemcitabine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1288463-200MG
Gemcitabine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000676
Gemcitabine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001682
✓ Gemfibrozil, United States Pharmacopeia (USP) Reference Standard	1288500-200MG
Gemfibrozil, European Pharmacopoeia (EP) Reference Standard	Y0000513
Gemfibrozil for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000514
✓ Gemfibrozil Related Compound A, United States Pharmacopeia (USP) Reference Standard	1288510-20MG
✓ Genistein, United States Pharmacopeia (USP) Reference Standard	1288816-15MG
✓ Genistin, United States Pharmacopeia (USP) Reference Standard	1288805-30MG
Gentamicin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001363
✓ Gentamicin sulfate, United States Pharmacopeia (USP) Reference Standard	1289003-200MG
Gentamicin sulfate, European Pharmacopoeia (EP) Reference Standard	G0200000-2EA
✓ Gentian Violet, United States Pharmacopeia (USP) Reference Standard	1290002-650MG
Gestodene, European Pharmacopoeia (EP) Reference Standard	Y0001112
Gestodene for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001110-10MG Y0001110
Gestodene impurity I, European Pharmacopoeia (EP) Reference Standard	Y0001116-0.01MG Y0001116
✓ Gibberellic acid, United States Pharmacopeia (USP) Reference Standard	1291005-200MG
✓ Ginger Constituent Mixture, United States Pharmacopeia (USP) Reference Standard	1291446-0.2MG
Ginkgo dry extract for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001012
Ginkgolic acids, European Pharmacopoeia (EP) Reference Standard	Y0001010
✓ Ginkgolic acids, United States Pharmacopeia (USP) Reference Standard	1291548-20MG
✓ Ginkgo terpene lactones, United States Pharmacopeia (USP) Reference Standard	1291559-50MG
Ginseng dry extract HRS, European Pharmacopoeia (EP) Reference Standard	Y0001029

* Name	Catalog Number
Ginsenoside Rb1, European Pharmacopoeia (EP) Reference Standard	Y0001347
✓ Ginsenoside Rg1, United States Pharmacopeia (USP) Reference Standard	1291672-20MG
✓ Gitoxin, United States Pharmacopeia (USP) Reference Standard	1292008-50MG
Gitoxin, European Pharmacopoeia (EP) Reference Standard	G0300000
✓ Glacial acetic acid, United States Pharmacopeia (USP) Reference Standard	1005706-3X1.5ML
Glibenclamide for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001511
Glibenclamide impurity A, European Pharmacopoeia (EP) Reference Standard	G0325010
Glibenclamide impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000242
Gliclazide, European Pharmacopoeia (EP) Reference Standard	G0326000
Gliclazide impurity B, European Pharmacopoeia (EP) Reference Standard	G0326004
Gliclazide impurity F, European Pharmacopoeia (EP) Reference Standard	G0326012
✓ Glimepiride, United States Pharmacopeia (USP) Reference Standard	1292303-200MG
Glimepiride, European Pharmacopoeia (EP) Reference Standard	Y0000515
Glimepiride for impurity A identification, European Pharmacopoeia (EP) Reference Standard	Y0001742
Glimepiride for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000516
✓ Glimepiride Related Compound A, United States Pharmacopeia (USP) Reference Standard	1292314-20MG
✓ Glimepiride Related Compound B, United States Pharmacopeia (USP) Reference Standard	1292325-20MG
✓ Glimepiride Related Compound C, United States Pharmacopeia (USP) Reference Standard	1292336-20MG
✓ Glimepiride Related Compound D, United States Pharmacopeia (USP) Reference Standard	1292347-20MG
Glipizide, European Pharmacopoeia (EP) Reference Standard	G0340000
✓ Glipizide, United States Pharmacopeia (USP) Reference Standard	1292507-125MG
Glipizide impurity A, European Pharmacopoeia (EP) Reference Standard	G0342000
Glipizide impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000523
Glipizide impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000643
Glipizide impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001140
✓ Glipizide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1292609-25MG
✓ Glipizide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1292610-15MG
✓ Glipizide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1292631-15MG
✓ Glucosamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1294207-200MG
Glucosamine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001406
Glucosamine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001381
Glucosamine sulfate potassium chloride, European Pharmacopoeia (EP) Reference Standard	Y0001685
Glucosamine sulfate sodium chloride, European Pharmacopoeia (EP) Reference Standard	Y0001407
Glucose monohydrate, EuropePharmacopoeia (EP) Reference Standard	Y0001745
✓ D-Glucuronic acid, United States Pharmacopeia (USP) Reference Standard	1294319-50MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Glutamic acid, European Pharmacopoeia (EP) Reference Standard	G0355000
✓ Glutamic acid, United States Pharmacopoeia (USP) Reference Standard	1294976-200MG
✓ L-Glutamic acid hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1294987-100MG
✓ Glutamine, United States Pharmacopoeia (USP) Reference Standard	1294808-100MG
✓ Glutathione, United States Pharmacopoeia (USP) Reference Standard	1294820-300MG
Glutathione, European Pharmacopoeia (EP) Reference Standard	Y0000517
Glybenclamide, European Pharmacopoeia (EP) Reference Standard	G0325000
✓ Glyburide, United States Pharmacopoeia (USP) Reference Standard	1295505-200MG
✓ Glyburide Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1295516-25MG
✓ Glyburide Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1295527-25MG
✓ Glycerin, United States Pharmacopoeia (USP) Reference Standard	1295607-2ML
Glycerol monocaprylate, European Pharmacopoeia (EP) Reference Standard	Y0000794
Glycerol monocaprylocaprate, European Pharmacopoeia (EP) Reference Standard	Y0000795
Glycerol monolinoleate, European Pharmacopoeia (EP) Reference Standard	G0400006
Glycerol mono-oleate, European Pharmacopoeia (EP) Reference Standard	G0400007
Glycerol monostearate 40-55, European Pharmacopoeia (EP) Reference Standard	G0400008
Glycerol (85 per cent) - reference spectrum, European Pharmacopoeia (EP) Reference Standard	G0400000
✓ Glyceryl dibehenate, United States Pharmacopoeia (USP) Reference Standard	1295709-200MG
✓ Glyceryl distearate, United States Pharmacopoeia (USP) Reference Standard	1295724-500MG
✓ Glyceryl monocaprylate, Type II, United States Pharmacopoeia (USP) Reference Standard	1295764-300MG
✓ Glyceryl monocaprylocaprate, Type I, United States Pharmacopoeia (USP) Reference Standard	1295775-300MG
✓ Glyceryl monolinoleate, United States Pharmacopoeia (USP) Reference Standard	1295731-500MG
✓ Glyceryl monooleate, 90%, United States Pharmacopoeia (USP) Reference Standard	1295742-250MG
✓ Glyceryl monooleate 40%, United States Pharmacopoeia (USP) Reference Standard	1295753-500MG
Glyceryl trinitrate solution, European Pharmacopoeia (EP) Reference Standard	G0400100
Glyceryl trinitrate - reference spectrum, European Pharmacopoeia (EP)	G0400101
✓ Glycine, United States Pharmacopoeia (USP) Reference Standard	1295800-200MG
Glycine, European Pharmacopoeia (EP) Reference Standard	G0450000
✓ Glycitein, United States Pharmacopoeia (USP) Reference Standard	1295844-15MG
✓ Glycitol, United States Pharmacopoeia (USP) Reference Standard	1295855-15MG
✓ N-Glycolylneuraminic acid, United States Pharmacopoeia (USP) Reference Standard	1294284-200MG
✓ Glycopyrrolate, United States Pharmacopoeia (USP) Reference Standard	1296009-200MG
✓ Glycopyrrolate erythro isomer, United States Pharmacopoeia (USP) Reference Standard	1296010-25MG
✓ Glycopyrrolate Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1296029-50MG
✓ Glycopyrrolate Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1296031-75MG

* Name	Catalog Number
✓ Glycopyrrolate Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1296042-25MG
✓ Glycopyrrolate Related Compound I, United States Pharmacopoeia (USP) Reference Standard	1296086-15MG
✓ Glycopyrrolate Related Compound L, United States Pharmacopoeia (USP) Reference Standard	1296100-50MG
Glycopyrronium bromide, European Pharmacopoeia (EP) Reference Standard	Y0001308
Glycopyrronium for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001309
Glycopyrronium impurity N, European Pharmacopoeia (EP) Reference Standard	Y0001358
✓ Glycyl-L-glutamine, United States Pharmacopoeia (USP) Reference Standard	1295866-200MG
✓ Glycyl-L-tyrosine, United States Pharmacopoeia (USP) Reference Standard	1295877-200MG
Glycyrrhizate monoammonium, European Pharmacopoeia (EP) Reference Standard	G0460000
✓ Glycyrrhizic acid, United States Pharmacopoeia (USP) Reference Standard	1295888-25MG
Gonadorelin, European Pharmacopoeia (EP) Reference Standard	G0525000
✓ Gonadorelin hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1296803-6.53MG
✓ Gonadorelin acetate, United States Pharmacopoeia (USP) Reference Standard	1296756-50MG
✓ Gonadorelin acetate Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1296767-10MG
Goserelin, European Pharmacopoeia (EP) Reference Standard	Y0000125
✓ Goserelin acetate, United States Pharmacopoeia (USP) Reference Standard	1297205-100MG
Gosereline - reference spectrum, European Pharmacopoeia (EP) Reference Standard	Y0000126
Goserelin for NMR identification, European Pharmacopoeia (EP) Reference Standard	Y0001473
✓ Goserelin Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1297216-2MG
✓ Goserelin System Suitability Mixture, United States Pharmacopoeia (USP) Reference Standard	1297250-1MG
Goserelin validation mixture, European Pharmacopoeia (EP) Reference Standard	Y0000194
✓ Graftskin Reference Photomicrographs (CD), United States Pharmacopoeia (USP)	1535846-1EA
Gramicidin	G0550000
✓ Gramicidin, United States Pharmacopoeia (USP) Reference Standard	1298004-200MG
✓ Granisetron hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1298106-150MG
Granisetron hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000396
Granisetron impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000477
Granisetron impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000478
✓ Granisetron Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1298117-15MG
✓ Granisetron Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1298128-15MG
✓ Granisetron Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1298139-15MG
✓ Granisetron Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1298140-15MG
✓ Granisetron Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1298150-15MG
✓ Grape Seeds Oligomeric Proanthocyanidins, United States Pharmacopoeia (USP) Reference Standard	1298208-500MG
Griseofulvin, European Pharmacopoeia (EP) Reference Standard	G0600000

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Griseofulvin, United States Pharmacopeia (USP) Reference Standard	1299007-200MG
✓ Griseofulvin Permeability Diameter, United States Pharmacopeia (USP) Reference Standard	1299200-2G
Guaiacol, European Pharmacopoeia (EP) Reference Standard	Y0000619
✓ Guaiacol, United States Pharmacopeia (USP) Reference Standard	1300004-1G
✓ Guaifenesin, United States Pharmacopeia (USP) Reference Standard	1301007-200MG
Guaifenesin, European Pharmacopoeia (EP) Reference Standard	G0700000
✓ Guanabenz acetate, United States Pharmacopeia (USP) Reference Standard	1301404-200MG
✓ Guanethidine monosulfate, United States Pharmacopeia (USP) Reference Standard	1301801-200MG
✓ Guanfacine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1302101-125MG
✓ Guanine, United States Pharmacopeia (USP) Reference Standard	1302156-100MG
✓ Guggulsterone Z, United States Pharmacopeia (USP) Reference Standard	1302214-25MG
✓ Gymnemenin, United States Pharmacopeia (USP) Reference Standard	1302247-15MG
✓ Halazepam, United States Pharmacopeia (USP) Reference Standard	1302305-200MG
✓ Halcinonide, United States Pharmacopeia (USP) Reference Standard	1302509-200MG
✓ Halobetasol propionate, United States Pharmacopeia (USP) Reference Standard	1302906-200MG
Halofantrine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000117
Halofantrine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000118
✓ Haloperidol, United States Pharmacopeia (USP) Reference Standard	1303002-200MG
Haloperidol, European Pharmacopoeia (EP) Reference Standard	H0100000
Haloperidol decanoate, European Pharmacopoeia (EP) Reference Standard	H0100100
✓ Haloperidol decanoate, United States Pharmacopeia (USP) Reference Standard	1303057-200MG
Haloperidol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001518
Haloperidol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001517
✓ Haloperidol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1303013-10MG
✓ Haloperidol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1303024-10MG
✓ Halothane, United States Pharmacopeia (USP) Reference Standard	1303501-1ML
Halothane - reference spectrum, European Pharmacopoeia (EP)	H0150000
Harpagoside, European Pharmacopoeia (EP) Reference Standard	Y0000673
✓ Hemoglobin Protease Substrate, United States Pharmacopeia (USP) Reference Standard	1303750-100G
Heparin sodium, BRP, European Pharmacopoeia (EP) Reference Standard	H0200000
Heparin calcium for NMR identification, European Pharmacopoeia (EP) Reference Standard	Y0001287
Heparin for physico-chemical analysis, European Pharmacopoeia (EP) Reference Standard	Y0001282
Heparin Low-Molecular-Mass for assay BRP, European Pharmacopoeia (EP) Reference Standard	H0185000-5EA
Heparin Low-Molecular-Mass for calibration CRS, European Pharmacopoeia (EP) Reference Standard	H0190000
✓ Heparin sodium for assays, United States Pharmacopeia (USP) Reference Standard	1304016-9.5MG

* Name	Catalog Number
Heparin sodium for NMR identification, European Pharmacopeia (EP) Reference Standard	Y0001283
✓ Heparin sodium identification, United States Pharmacopoeia (USP) Reference Standard	1304038-50MG
✓ Heparin Sodium Molecular Weight Calibrant, United States Pharmacopeia (USP) Reference Standard	1304107-10.3MG
✓ Heparin Sodium System Suitability, United States Pharmacopeia (USP) Reference Standard	1304049-50MG
✓ Heparin Sodium with Oversulfated Chondroitin Sulfate, United States Pharmacopeia (USP) Reference Standard	1304050-8.8MG
Hepatitis A virus Coating Reagent for ELISA - BRR, European Pharmacopoeia (EP) Reference Standard	Y0001624
✓ Heptamethyl trisiloxane, United States Pharmacopeia (USP) Reference Standard	1228075-150MG
Heptaminol hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000063
Heptaminol impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000057
✓ Heptane, United States Pharmacopeia (USP) Reference Standard	1304209-3X1.2ML
Hesperidin, European Pharmacopoeia (EP) Reference Standard	Y0001203
✓ Hexachlorophene, United States Pharmacopeia (USP) Reference Standard	1305008-500MG
✓ Hexacosanol, United States Pharmacopeia (USP) Reference Standard	1305303-100MG
✓ 2E,4E-Hexadienoic acid isobutylamide, United States Pharmacopeia (USP) Reference Standard	1305507-25MG
Hexamidine diisethionate, European Pharmacopoeia (EP) Reference Standard	H0330000
Hexetidine, European Pharmacopoeia (EP) Reference Standard	H0325000
✓ Hexobarbital, United States Pharmacopeia (USP) Reference Standard	1307003-500MG
✓ Hexylcaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1308006-1G
✓ Hexylene glycol, United States Pharmacopeia (USP) Reference Standard	1308200-125MG
Hexylresorcinol, European Pharmacopoeia (EP) Reference Standard	H0420000
✓ Hexylresorcinol, United States Pharmacopeia (USP) Reference Standard	1308307-200MG
Hexylresorcinol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001746
Hide powder, European Pharmacopoeia (EP) Reference Standard	H0500000
✓ High Density Polyethylene, United States Pharmacopeia (USP) Reference Standard	1546707-3STRIPS
High-molecular-mass macrogol, European Pharmacopoeia (EP) Reference Standard	Y0001684
✓ High Molecular Weight Filgrastim, United States Pharmacopeia (USP) Reference Standard	1270457-0.7MG
✓ High molecular weight insulin human, United States Pharmacopeia (USP) Reference Standard	1342150-8.4MG
D-His-Buserelin, European Pharmacopoeia (EP) Reference Standard	B1168020
D-His-ProTirelin, European Pharmacopoeia (EP) Reference Standard	P3760020
Histamine, European Pharmacopoeia (EP) Reference Standard	Y0001779
✓ Histamine dihydrochloride, United States Pharmacopeia (USP) Reference Standard	1309009-250MG
Histamine dihydrochloride, European Pharmacopoeia (EP) Reference Standard	H0600000
Histidine, European Pharmacopoeia (EP) Reference Standard	H0750000
Histidine hydrochloride monohydrate, European Pharmacopoeia (EP) Reference Standard	H0755000
✓ L-Histidine, United States Pharmacopeia (USP) Reference Standard	1308505-200MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ L-Histidine monohydrochloride monohydrate, United States Pharmacopeia (USP) Reference Standard	1308550-200MG
Homatropine hydrobromide, European Pharmacopoeia (EP) Reference Standard	H0800000
✓ Homatropine hydrobromide, United States Pharmacopeia (USP) Reference Standard	1310008-200MG
✓ Homatropine methylbromide, United States Pharmacopeia (USP) Reference Standard	1311000-250MG
Homatropine methylbromide, European Pharmacopoeia (EP) Reference Standard	H0830000
Homatropine methylbromide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001383
L-Homocysteine thiolactone hydrochloride - reference spectrum, European Pharmacopoeia (EP)	H0837000
✓ Homopolymer Polypropylene, United States Pharmacopeia (USP) Reference Standard	1311306-3STRIPS
✓ Homosalate, United States Pharmacopeia (USP) Reference Standard	1311408-500MG
Honokiol, European Pharmacopoeia (EP) Reference Standard	Y0001290
Human albumin, for electrophoresis BRP, European Pharmacopoeia (EP) Reference Standard	H0900000
✓ Human chorionic gonadotropin, United States Pharmacopeia (USP) Reference Standard	1297001-1VL
Human coagulation factor IX (rDNA), European Pharmacopoeia (EP) Reference Standard	Y0001659
Human coagulation factor VIIa (rDNA), European Pharmacopoeia (EP) Reference Standard	Y0001663
Human coagulation factor VII concentrate BRP, European Pharmacopoeia (EP) Reference Standard	Y0000667-2EA
Human coagulation factor VIII concentrate, European Pharmacopoeia (EP) Reference Standard	H0920000-1EA H0920000-5EA H0920000-3EA
✓ Human Fibroblast-Derived Skin Substitute Reference Photomicrographs (CD), United States Pharmacopeia (USP)	1535857-1EA
Human glucagon, European Pharmacopoeia (EP) Reference Standard	Y0000191-2EA
Human Hepatitis B immunoglobulin, European Pharmacopoeia (EP) Reference Standard	Y0001414
Human anti-D immunoglobulin, BRP, European Pharmacopoeia (EP) Reference Standard	Y0000219
Human immunoglobulin BRP (ACA and Molecular size), European Pharmacopoeia (EP) Reference Standard	Y0001504
Human Immunoglobulin BRP (Fc Function and Molecular size), European Pharmacopoeia (EP) Reference Standard	Y0001512
Human immunoglobulin for electrophoresis BRP, European Pharmacopoeia (EP) Reference Standard	H1000000
Human immunoglobulin (molecular size) BRP, European Pharmacopoeia (EP) Reference Standard	Y0000488-3EA
Human Plasma Pools for NAT validation, European Pharmacopoeia (EP) Reference Standard	H1005000
Human tetanus immunoglobulin BRP, European Pharmacopoeia (EP) Reference Standard	H1110000
Hyaluronidase, European Pharmacopoeia (EP) Reference Standard	H1115000
Hydralazine hydrochloride, European Pharmacopoeia (EP) Reference Standard	H1120000
✓ Hydralazine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1313006-200MG
✓ Hydrastine, United States Pharmacopeia (USP) Reference Standard	1313210-10MG
Hydrastine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001151
✓ Hydrochlorothiazide, United States Pharmacopeia (USP) Reference Standard	1314009-200MG
Hydrochlorothiazide, European Pharmacopoeia (EP) Reference Standard	H1200000
Hydrochlorothiazide for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001494

* Name	Catalog Number
✓ Hydrocodone, United States Pharmacopeia (USP) Reference Standard	1314960-125MG
✓ Hydrocodone bitartrate, United States Pharmacopeia (USP) Reference Standard	1315001-100MG
✓ Hydrocodone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1315012-70MG
✓ Hydrocortisone, United States Pharmacopeia (USP) Reference Standard	1316004-200MG
Hydrocortisone, European Pharmacopoeia (EP) Reference Standard	H1300000
✓ Hydrocortisone acetate, United States Pharmacopeia (USP) Reference Standard	1317007-200MG
Hydrocortisone acetate, European Pharmacopoeia (EP) Reference Standard	H1400000
Hydrocortisone acetate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001482
✓ Hydrocortisone butyrate, United States Pharmacopeia (USP) Reference Standard	1317302-200MG
✓ Hydrocortisone cypionate, United States Pharmacopeia (USP) Reference Standard	1318000-200MG
Hydrocortisone for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001092
✓ Hydrocortisone hemisuccinate, United States Pharmacopeia (USP) Reference Standard	1319002-200MG
Hydrocortisone hydrogen succinate, European Pharmacopoeia (EP) Reference Standard	H1425000
✓ Hydrocortisone phosphate triethylamine, United States Pharmacopeia (USP) Reference Standard	1320001-200MG
✓ Hydrocortisone valerate, United States Pharmacopeia (USP) Reference Standard	1321004-200MG
✓ Hydroflumethiazide, United States Pharmacopeia (USP) Reference Standard	1322007-200MG
✓ Hydrogenated lanolin	1356871-200MG
Hydrogenated wool fat, European Pharmacopoeia (EP) Reference Standard	H1426000
✓ Hydromorphone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1323000-50MG
✓ Hydromorphone N-oxide hydrochloride, United States Pharmacopeia (USP) Reference Standard	1323019-15MG
✓ Hydromorphone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1323021-10MG
✓ Hydroquinone, United States Pharmacopeia (USP) Reference Standard	1324002-500MG
Hydrous benzoyl peroxide - reference spectrum, European Pharmacopoeia (EP)	B0650000
Hydroxocobalamin, European Pharmacopoeia (EP) Reference Standard	H1428000
✓ Hydroxocobalamin acetate, United States Pharmacopeia (USP) Reference Standard	1324308-150MG
✓ Hydroxocobalamin chloride, United States Pharmacopeia (USP) Reference Standard	1324319-3X150MG
✓ Hydroxyamphetamine hydrobromide, United States Pharmacopeia (USP) Reference Standard	1325005-200MG
Hydroxycarbamide, European Pharmacopoeia (EP) Reference Standard	Y0000119
✓ Hydroxychloroquine sulfate, United States Pharmacopeia (USP) Reference Standard	1327000-200MG
Hydroxyethyl salicylate, European Pharmacopoeia (EP) Reference Standard	H1429400
Hydroxyethyl starch (high MW), European Pharmacopoeia (EP) Reference Standard	Y0001322
Hydroxyethyl starch (medium MW), European Pharmacopoeia (EP) Reference Standard	Y0001277
✓ 4-Hydroxyisoleucine, United States Pharmacopeia (USP) Reference Standard	1327319-35MG
✓ 6-Hydroxynicotinic acid, United States Pharmacopeia (USP) Reference Standard	1327408-50MG
4-Hydroxyphenoxymethylpenicillin potassium, European Pharmacopoeia (EP) Reference Standard	H1429700

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
o-o-(4-Hydroxy-phenyl)glycine, European Pharmacopoeia (EP) Reference Standard	H1430000
✓ Hydroxyprogesterone caproate, United States Pharmacopoeia (USP) Reference Standard	1329006-200MG
✓ Hydroxypropyl betadex, United States Pharmacopoeia (USP) Reference Standard	1329709-200MG
Hydroxypropylbetadex, European Pharmacopoeia (EP) Reference Standard	Y0000186
✓ Hydroxypropyl cellulose, United States Pharmacopoeia (USP) Reference Standard	1329800-500MG
Hydroxypropyl cellulose, European Pharmacopoeia (EP) Reference Standard	Y0001720
✓ 12-Hydroxystearic acid, United States Pharmacopoeia (USP) Reference Standard	1331008-200MG
✓ 5-Hydroxy-L-tryptophan, United States Pharmacopoeia (USP) Reference Standard	1329913-100MG
✓ Hydroxyurea, United States Pharmacopoeia (USP) Reference Standard	1332000-200MG
✓ Hydroxyzine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1333003-500MG
Hydroxyzine hydrochloride, European Pharmacopoeia (EP) Reference Standard	H1435000
✓ Hydroxyzine pamoate, United States Pharmacopoeia (USP) Reference Standard	1334006-500MG
✓ Hydroxyzine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1333058-25MG
Hymecromone	Y0000011
Hymecromone impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000012
Hymecromone impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000013
Hyoscine, European Pharmacopoeia (EP) Reference Standard	Y0000483
Hyoscine butylbromide, European Pharmacopoeia (EP) Reference Standard	H1450000
Hyoscine butylbromide impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000447
Hyoscine hydrobromide, European Pharmacopoeia (EP) Reference Standard	H1500000
Hyoscine hydrobromide impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000448
Hyoscine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000484
Hyoscyamine impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000449
✓ Hyoscyamine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1335010-10MG
✓ Hyoscyamine sulfate, United States Pharmacopoeia (USP) Reference Standard	1335009-125MG
Hyoscyamine sulfate, European Pharmacopoeia (EP) Reference Standard	H1600000
✓ Hyperoside, United States Pharmacopoeia (USP) Reference Standard	1335202-50MG
✓ Hypromellose, United States Pharmacopoeia (USP) Reference Standard	1330005-250MG
✓ Hypromellose acetate succinate	1335279-100MG
✓ Hypromellose phthalate, United States Pharmacopoeia (USP) Reference Standard	1335304-100MG
Hypromellose phthalate, European Pharmacopoeia (EP) Reference Standard	Y0000915
✓ Ibandronate Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1335428-25MG
✓ Ibandronate sodium, United States Pharmacopoeia (USP) Reference Standard	1335417-200MG
✓ Ibuprofen, United States Pharmacopoeia (USP) Reference Standard	1335508-750MG
Ibuprofen, European Pharmacopoeia (EP) Reference Standard	I0020000
Ibuprofen for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000881

* Name	Catalog Number
Ibuprofen impurity B, European Pharmacopoeia (EP) Reference Standard	B1220000
Ibuprofen impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000140
✓ Ibuprofen Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1335541-3X0.2ML
✓ Ibuprofen Related Compound J, United States Pharmacopoeia (USP) Reference Standard	1335596-25MG
✓ Ibutilide fumarate, United States Pharmacopoeia (USP) Reference Standard, monograph mol wt. 885.23 $[(C_{20}H_{36}N_2O_3S)_2 \cdot C_4H_4O_4]$	1335610-100MG
✓ Ibutilide Related Compound A	1335621-20MG
✓ Ibutilide Related Compound B	1335632-20MG
✓ Idarubicin, United States Pharmacopoeia (USP) Reference Standard	1335701-50MG
Idoxuridine, European Pharmacopoeia (EP) Reference Standard	I0050000
✓ Idoxuridine, United States Pharmacopoeia (USP) Reference Standard	1336001-250MG
Ifosfamide, European Pharmacopoeia (EP) Reference Standard	I0060000
✓ Ifosfamide, United States Pharmacopoeia (USP) Reference Standard	1336205-500MG
Ifosfamide impurity B, European Pharmacopoeia (EP) Reference Standard	I0060004
Ifosfamide impurity F, European Pharmacopoeia (EP) Reference Standard	I0060012
Ifosfamide - reference spectrum, European Pharmacopoeia (EP)	I0060100
Imatinib for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001692
Imatinib impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001695
Imatinib impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001693
Imatinib impurity H, European Pharmacopoeia (EP) Reference Standard	Y0001694
Imatinib mesilate, European Pharmacopoeia (EP) Reference Standard	Y0001691
✓ Imidazole, United States Pharmacopoeia (USP) Reference Standard	1336500-200MG
Imidazole, European Pharmacopoeia (EP) Reference Standard	I0086000
✓ Imidurea, United States Pharmacopoeia (USP) Reference Standard	1336806-200MG
✓ Iminodibenzyl, United States Pharmacopoeia (USP) Reference Standard	1337004-25MG
Imipenem, European Pharmacopoeia (EP) Reference Standard	I0090000
✓ Imipenem monohydrate, United States Pharmacopoeia (USP) Reference Standard	1337809-100MG
✓ Imipramine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1338007-200MG
Imipramine hydrochloride, European Pharmacopoeia (EP) Reference Standard	I0100000
Imipramine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000893
✓ Imipramine pamoate	1338481-300MG
✓ Imiquimod, United States Pharmacopoeia (USP) Reference Standard	1338313-200MG
✓ Imiquimod Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1338324-25MG
✓ Imiquimod Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1338335-25MG
✓ Imiquimod Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1338346-25MG
✓ Imiquimod Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1338357-25MG
✓ Imiquimod Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1338368-25MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Immunglobulin (anti-A, anti-B antibodies test) negative control, European Pharmacopoeia (EP) Reference Standard	Y0001689
Immunglobulin (anti-A, anti-B antibodies test) positive control, European Pharmacopoeia (EP) Reference Standard	Y0001688
Immunglobulin for anti-A, anti-B antibodies limit test, BRP, European Pharmacopoeia (EP) Reference Standard	Y0001153
Immunglobulin panel for anti-D antibodies test, European Pharmacopoeia (EP) Reference Standard	Y0000540
Imperatorin, European Pharmacopoeia (EP) Reference Standard	Y0001205
✓ Indapamide, United States Pharmacopeia (USP) Reference Standard	1338801-250MG
Indapamide, European Pharmacopoeia (EP) Reference Standard	I0150000
Indapamide impurity B, European Pharmacopoeia (EP) Reference Standard	I0150020
✓ Indapamide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1338812-50MG
✓ Indapamide Related Compound B	1338823-20MG
✓ Indapamide Related Compound C	1338834-20MG
✓ Indapamide Related Compound D	1338845-20MG
✓ Indapamide Related Compound E	1338856-20MG
Indigo, EuropePharmacopoeia (EP) Reference Standard	Y0001752
✓ Indigotindisulfonate sodium, United States Pharmacopeia (USP) Reference Standard	1339000-500MG 1339000-750MG
Indinavir, European Pharmacopoeia (EP) Reference Standard	Y0000788
✓ Indinavir, United States Pharmacopeia (USP) Reference Standard	1339178-100MG
Indinavir for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000746
Indinavir sulfate - reference spectrum, European Pharmacopoeia (EP)	Y0000880
✓ Indinavir System Suitability, United States Pharmacopeia (USP) Reference Standard	1339189-100MG
✓ Indocyanine green, United States Pharmacopeia (USP) Reference Standard	1340009-250MG
Indometacin impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001640
✓ Indomethacin, United States Pharmacopeia (USP) Reference Standard	1341001-200MG
Indomethacin, European Pharmacopoeia (EP) Reference Standard	I0200000
✓ Indomethacin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1417113-25MG
✓ Indomethacin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1112423-25MG
✓ Inositol, United States Pharmacopeia (USP) Reference Standard	1340960-500MG
myo-Inositol, European Pharmacopoeia (EP) Reference Standard	Y0000485
✓ Insulin human, United States Pharmacopeia (USP) Reference Standard	1342106-100MG
Insulin human, European Pharmacopoeia (EP) Reference Standard	I0310000
✓ Insulin aspart	1342037-7.45MG
✓ Insulin (Beef), United States Pharmacopeia (USP) Reference Standard	1342208-50MG
Insulin (bovine), European Pharmacopoeia (EP) Reference Standard	I0305000
Insulin glargine, European Pharmacopoeia (EP) Reference Standard	Y0001542
Insulin glargine, European Pharmacopoeia (EP) Reference Standard	Y0001544
✓ Insulin glargine, United States Pharmacopeia (USP) Reference Standard	1342059-15MG

* Name	Catalog Number
✓ Insulin glargine for Peak Identification, United States Pharmacopeia (USP) Reference Standard	1342060-3.2MG
Insulin lispro, European Pharmacopoeia (EP) Reference Standard	Y0000348
✓ Insulin lispro, United States Pharmacopeia (USP) Reference Standard	1342321-5.73MG
Insulin (porcine), European Pharmacopoeia (EP) Reference Standard	I0320000
Insulin porcine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001717
✓ Insulin (Pork), United States Pharmacopeia (USP) Reference Standard	1342300-2X6.25MG
Interferon β-1a, European Pharmacopoeia (EP) Reference Standard	Y0001101
Interferon α-2b, European Pharmacopoeia (EP) Reference Standard	I0320301
Interferon γ-1b for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001664
Iobenguane sulfate, European Pharmacopoeia (EP) Reference Standard	I0328000
Iobenguane sulfate - reference spectrum, European Pharmacopoeia (EP)	Y0000839
✓ Iodipamide, United States Pharmacopeia (USP) Reference Standard	1343007-200MG
Iodixanol, European Pharmacopoeia (EP) Reference Standard	Y0001294
✓ Iodixanol, United States Pharmacopeia (USP) Reference Standard	1343517-200MG
Iodixanol impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001292
Iodixanol impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001291
Iodixanol impurity H, European Pharmacopoeia (EP) Reference Standard	Y0001293
✓ Iodixanol Related Compound C, United States Pharmacopeia (USP) Reference Standard	1343540-25MG
✓ Iodixanol Related Compound D, United States Pharmacopeia (USP) Reference Standard	1343550-50MG
✓ Iodixanol Related Compound E, United States Pharmacopeia (USP) Reference Standard	1343561-25MG
✓ o-Iodohippuric acid, United States Pharmacopeia (USP) Reference Standard	1344305-100MG
✓ Iodoquinol, United States Pharmacopeia (USP) Reference Standard	1344509-100MG
Iohexol, European Pharmacopoeia (EP) Reference Standard	I0320800
✓ Iohexol, United States Pharmacopeia (USP) Reference Standard	1344600-200MG
Iohexol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000672
Iohexol impurity A, European Pharmacopoeia (EP) Reference Standard	I0320810
Iohexol impurity J, European Pharmacopoeia (EP) Reference Standard	I0320820
✓ Iohexol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1344622-100MG
✓ Iohexol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1344644-50MG
✓ Iohexol Related Compound C, United States Pharmacopeia (USP) Reference Standard	1344666-50MG
✓ Iopamidol, United States Pharmacopeia (USP) Reference Standard	1344702-200MG
Iopamidol, European Pharmacopoeia (EP) Reference Standard	I0329000
Iopamidol impurity A, European Pharmacopoeia (EP) Reference Standard	I0329010
Iopamidol impurity H, European Pharmacopoeia (EP) Reference Standard	Y0000406
✓ Iopamidol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1344724-50MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Iopamidol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1344735-50MG
✓ Iopamidol Related Compound C, United States Pharmacopeia (USP) Reference Standard	1344746-40MG
Iopanoic acid, European Pharmacopoeia (EP) Reference Standard	I0330000
Iopentol, European Pharmacopoeia (EP) Reference Standard	Y0001297
✓ Iopromide, United States Pharmacopeia (USP) Reference Standard	1344804-400MG
Iopromide, European Pharmacopoeia (EP) Reference Standard	Y0001020
Iopromide for system suitability 1, European Pharmacopoeia (EP) Reference Standard	Y0001021
Iopromide for system suitability 2, European Pharmacopoeia (EP) Reference Standard	Y0001022
Iopromide impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001077
✓ Iopromide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1344826-50MG
✓ Iopromide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1344837-50MG
✓ Iotalamic acid, United States Pharmacopeia (USP) Reference Standard	1345002-200MG
Iotalamic acid impurity A, European Pharmacopoeia (EP) Reference Standard	A0560000
Iotrolan, European Pharmacopoeia (EP) Reference Standard	Y0000555
Iotrolan for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000658
✓ Ioversol, United States Pharmacopeia (USP) Reference Standard	1345104-200MG
✓ Ioversol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1345115-50MG
✓ Ioversol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1345126-50MG
✓ Ioxaglic acid, United States Pharmacopeia (USP) Reference Standard	1345159-100MG
Ioxaglic acid, European Pharmacopoeia (EP) Reference Standard	Y0000141
Ioxaglic acid impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000142
✓ Ioxilan, United States Pharmacopeia (USP) Reference Standard	1345206-400MG
✓ Ioxilan Related Compound A, United States Pharmacopeia (USP) Reference Standard	1345228-100MG
Ipratropium bromide, European Pharmacopoeia (EP) Reference Standard	I0360000
✓ Ipratropium bromide, United States Pharmacopeia (USP) Reference Standard	1347507-100MG
Ipratropium bromide impurity B, European Pharmacopoeia (EP) Reference Standard	I0361000
✓ Ipratropium bromide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1347518-10MG
✓ Ipratropium bromide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1347529-10MG
✓ Ipratropium bromide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1347530-15MG
Ipratropium impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000276
Irbesartan, European Pharmacopoeia (EP) Reference Standard	Y0001166
✓ Irbesartan, United States Pharmacopeia (USP) Reference Standard	1347700-200MG
Irbesartan impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001156
✓ Irbesartan Related Compound A, United States Pharmacopeia (USP) Reference Standard	1347711-25MG
✓ Irinotecan hydrochloride, United States Pharmacopeia (USP) Reference Standard	1347609-100MG

* Name	Catalog Number
✓ Irinotecan Related Compound A, United States Pharmacopeia (USP) Reference Standard	1347610-10MG
✓ Irinotecan Related Compound B, United States Pharmacopeia (USP) Reference Standard	1347631-10MG
✓ Irinotecan Related Compound C, United States Pharmacopeia (USP) Reference Standard	1347642-10MG
✓ Irinotecan Related Compound D, United States Pharmacopeia (USP) Reference Standard	1347653-15MG
✓ Irinotecan Related Compound E, United States Pharmacopeia (USP) Reference Standard	1347664-15MG
Irisfloreintin, European Pharmacopoeia (EP) Reference Standard	Y0001616
✓ Iscotrizinol, United States Pharmacopeia (USP) Reference Standard	1193356-200MG
✓ Iscotrizinol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1193378-25MG
✓ Iscotrizinol Related Compound C, United States Pharmacopeia (USP) Reference Standard	1193389-25MG
✓ Iscotrizinol Related Compound D, United States Pharmacopeia (USP) Reference Standard	1193390-25MG
✓ Iscotrizinol Related Compound F, United States Pharmacopeia (USP) Reference Standard	1193414-25MG
✓ Iscotrizinol Related Compound G, United States Pharmacopeia (USP) Reference Standard	1193425-25MG
✓ Iscotrizinol Related Compound I, United States Pharmacopeia (USP) Reference Standard	1193447-25MG
✓ Isobutyl acetate, United States Pharmacopeia (USP) Reference Standard	1347802-3X1.2ML
✓ Isobutyl heptanoate, United States Pharmacopeia (USP) Reference Standard	1347824-5X0.5ML
✓ Isobutyl isobutyrate, United States Pharmacopeia (USP) Reference Standard	1347835-5X0.5ML
✓ Isobutyraldehyde	1347880-3X1.2ML
✓ Isocarboxazid, United States Pharmacopeia (USP) Reference Standard	1348000-200MG
Isoconazole, European Pharmacopoeia (EP) Reference Standard	I0375000
Isoconazole nitrate, European Pharmacopoeia (EP) Reference Standard	I0380000
Isoemetine hydrobromide, European Pharmacopoeia (EP) Reference Standard	I0400000
✓ Isoetharine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1348500-250MG
✓ Isoflupredone acetate, United States Pharmacopeia (USP) Reference Standard	1348907-200MG
Isoflurane, European Pharmacopoeia (EP) Reference Standard	Y0000858
✓ Isoflurane, United States Pharmacopeia (USP) Reference Standard	1349003-1ML
Isoflurane - reference spectrum, European Pharmacopoeia (EP)	Y0000037
✓ Isoflurane Related Compound A, United States Pharmacopeia (USP) Reference Standard	1349014-0.1ML
✓ Isoflurane Related Compound B, United States Pharmacopeia (USP) Reference Standard	1349025-0.1ML
Isoleucine, European Pharmacopoeia (EP) Reference Standard	I0460000
✓ L-Isoleucine, United States Pharmacopeia (USP) Reference Standard	1349502-200MG
✓ Isomalathion, United States Pharmacopeia (USP) Reference Standard	1349604-50MG
✓ Isomalt, United States Pharmacopeia (USP) Reference Standard	1349626-200MG
Isomalt, European Pharmacopoeia (EP) Reference Standard	I0465000
Isomaltooligosaccharide, European Pharmacopoeia (EP) Reference Standard	Y0000070
✓ Isomaltulose, United States Pharmacopeia (USP) Reference Standard	1349637-5G

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Isometheptene mucate, United States Pharmacopeia (USP) Reference Standard	1349659-200MG
Isoniazid, European Pharmacopoeia (EP) Reference Standard	I0500000
✓ Isoniazid, United States Pharmacopeia (USP) Reference Standard	1349706-200MG
Isoprenaline hydrochloride, European Pharmacopoeia (EP) Reference Standard	I0599990
Isoprenaline impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001577
Isoprenaline sulfate, European Pharmacopoeia (EP) Reference Standard	I0600000
✓ Isopropamide iodide, United States Pharmacopeia (USP) Reference Standard	1350002-200MG
✓ Isopropyl acetate, United States Pharmacopeia (USP) Reference Standard	1350104-3X1.2ML
Isopropyl alcohol, European Pharmacopoeia (EP) Reference Standard	Y0001728
<i>N</i> -[(<i>cis</i> -4-Isopropylcyclohexyl)carbonyl]- <i>D</i> -phenylalanine, European Pharmacopoeia (EP) Reference Standard	Y0001442
Isopropyl hexadecanoate, European Pharmacopoeia (EP) Reference Standard	I0725000
✓ Isopropyl myristate, United States Pharmacopeia (USP) Reference Standard	1350400-500MG
✓ Isopropyl palmitate, United States Pharmacopeia (USP) Reference Standard	1350603-500MG
Isopropyl tetradecanoate, European Pharmacopoeia (EP) Reference Standard	I0750000
✓ Isoproterenol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1351005-125MG
✓ Isopteropodine, United States Pharmacopeia (USP) Reference Standard	1351107-20MG
Isoquercitroside, European Pharmacopoeia (EP) Reference Standard	Y0001568
✓ Isorhamnetin, United States Pharmacopeia (USP) Reference Standard	1351800-15MG
✓ Isosorbide, United States Pharmacopeia (USP) Reference Standard	1352008-1G
Isosorbide dinitrate, European Pharmacopoeia (EP) Reference Standard	I0775000
Isosorbide mononitrate, European Pharmacopoeia (EP) Reference Standard	I0775010
Isosorbide 2-nitrate, European Pharmacopoeia (EP) Reference Standard	I0775020
✓ Isotretinoin, United States Pharmacopeia (USP) Reference Standard	1353500-200MG
Isotretinoin, European Pharmacopoeia (EP) Reference Standard	I0800000
Isotretinoin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001218
Isoxsuprine hydrochloride, European Pharmacopoeia (EP) Reference Standard	I0900000
✓ Isoxsuprine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1354003-200MG
Isradipine, European Pharmacopoeia (EP) Reference Standard	Y0000366
✓ Isradipine, United States Pharmacopeia (USP) Reference Standard	1354207-200MG
Isradipine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000367
✓ Isradipine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1354218-15MG
Itraconazole, European Pharmacopoeia (EP) Reference Standard	I7000000
✓ Itraconazole, United States Pharmacopeia (USP) Reference Standard	1354251-100MG
Itraconazole for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001100
✓ Itraconazole System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1354262-25MG

* Name	Catalog Number
✓ Ivermectin, United States Pharmacopeia (USP) Reference Standard	1354309-200MG
Ivermectin, European Pharmacopoeia (EP) Reference Standard	I8000010
Ivy leaf dry extract HRS, European Pharmacopoeia (EP) Reference Standard	Y0001592
Josamycin, European Pharmacopoeia (EP) Reference Standard	Y0000041
Josamycin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001315
Josamycin propionate, European Pharmacopoeia (EP) Reference Standard	Y0000042
✓ Kaempferol, United States Pharmacopeia (USP) Reference Standard	1354900-15MG
Kanamycin B sulfate salt, European Pharmacopoeia (EP) Reference Standard	K0100000
Kanamycin monosulphate, European Pharmacopoeia (EP) Reference Standard	K0200000
✓ Kanamycin sulfate, United States Pharmacopeia (USP) Reference Standard	1355006-200MG
✓ Kawain	1355753-200MG
✓ KDN, United States Pharmacopeia (USP) Reference Standard	1354852-100MG
✓ Ketamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1356009-250MG
Ketamine impurity A, European Pharmacopoeia (EP) Reference Standard	K0551000
✓ Ketamine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1356020-50MG
Ketobemidone hydrochloride - reference spectrum, European Pharmacopoeia (EP)	Y0000246
Ketobemidone impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000244
Ketobemidone impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000245
✓ Ketoconazole, United States Pharmacopeia (USP) Reference Standard	1356508-200MG
Ketoconazole, European Pharmacopoeia (EP) Reference Standard	K0600000
✓ Ketoprofen, United States Pharmacopeia (USP) Reference Standard	1356632-200MG
Ketoprofen, European Pharmacopoeia (EP) Reference Standard	K2000000
Ketoprofen impurity A, European Pharmacopoeia (EP) Reference Standard	K2000010
Ketoprofen impurity C, European Pharmacopoeia (EP) Reference Standard	K2000015
✓ Ketoprofen Related Compound A, United States Pharmacopeia (USP) Reference Standard	1356643-25MG
✓ Ketoprofen Related Compound C, United States Pharmacopeia (USP) Reference Standard	1356552-20MG
✓ Ketoprofen Related Compound D hydrochloride, United States Pharmacopeia (USP) Reference Standard	1356563-20MG
✓ Ketoprofen Related Compound E	1356574-50MG
✓ Ketoprofen Related Compound F	1356585-20MG
✓ Ketorolac Related Compound A, United States Pharmacopeia (USP) Reference Standard	1356315-20MG
✓ Ketorolac Related Compound B, United States Pharmacopeia (USP) Reference Standard	1356326-20MG
✓ Ketorolac Related Compound C, United States Pharmacopeia (USP) Reference Standard	1356337-20MG
✓ Ketorolac Related Compound D, United States Pharmacopeia (USP) Reference Standard	1356348-20MG
Ketorolac trometamol, European Pharmacopoeia (EP) Reference Standard	Y0000486
Ketorolac trometamol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000626
✓ Ketorolac Tromethamine, United States Pharmacopeia (USP) Reference Standard	1356665-200MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Ketotifen for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001617
Ketotifen hydrogen fumarate, European Pharmacopoeia (EP) Reference Standard	Y0001619
Ketotifen impurity G, European Pharmacopoeia (EP) Reference Standard	Y0000161
✓ Krill oil, United States Pharmacopeia (USP) Reference Standard	1356599-2G
Kudzuvine root dry extract, European Pharmacopoeia (EP) Reference Standard	Y0001200
Labetalol hydrochloride, European Pharmacopoeia (EP) Reference Standard	L0050000
✓ Labetalol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1356654-200MG
Labetalol impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001548
✓ Lactase, United States Pharmacopeia (USP) Reference Standard	1356698-200MG
✓ Lactic acid, United States Pharmacopeia (USP) Reference Standard	1356734-3X1.5ML
✓ Lactitol, United States Pharmacopeia (USP) Reference Standard	1356687-500MG
Lactitol monohydrate, European Pharmacopoeia (EP) Reference Standard	L0129000
✓ Lactobionic acid, United States Pharmacopeia (USP) Reference Standard	1356825-200MG
Lactobionic acid, European Pharmacopoeia (EP) Reference Standard	Y0000257
✓ Lactose monohydrate, United States Pharmacopeia (USP) Reference Standard	1356701-500MG
Lactose (anhydrous), European Pharmacopoeia (EP) Reference Standard	A1206000
Lactose monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0001750
✓ Lactulose, United States Pharmacopeia (USP) Reference Standard	1356803-750MG
Lactulose, European Pharmacopoeia (EP) Reference Standard	L0130000
Lactulose for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001510
✓ Lagerstroemia speciosa leaf dry extract, United States Pharmacopeia (USP) Reference Standard	1048415-1G
✓ Lamivudine, United States Pharmacopeia (USP) Reference Standard	1356836-200MG
Lamivudine, European Pharmacopoeia (EP) Reference Standard	Y0000425
Lamivudine for system suitability 1, European Pharmacopoeia (EP) Reference Standard	Y0000518
Lamivudine for system suitability 2, European Pharmacopoeia (EP) Reference Standard	Y0000426
✓ Lamivudine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1357227-25MG
✓ Lamivudine Resolution Mixture A, United States Pharmacopeia (USP) Reference Standard	1356847-10MG
✓ Lamivudine Resolution Mixture B, United States Pharmacopeia (USP) Reference Standard	1356858-10MG
✓ Lamivudine Resolution Mixture C, United States Pharmacopeia (USP) Reference Standard	1356869-0.8MG
✓ Lamotrigine, United States Pharmacopeia (USP) Reference Standard	1356756-100MG
Lamotrigine, European Pharmacopoeia (EP) Reference Standard	Y0001030
Lamotrigine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001031
Lamotrigine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001085
Lamotrigine impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001032
✓ Lamotrigine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1356778-20MG

* Name	Catalog Number
✓ Lamotrigine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1356789-10MG
✓ Lamotrigine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1356790-10MG
✓ Lanolin, United States Pharmacopeia (USP) Reference Standard	1356880-20G
✓ Lanolin alcohols, United States Pharmacopeia (USP) Reference Standard	1356905-5G
Lansoprazole, European Pharmacopoeia (EP) Reference Standard	Y0000773
✓ Lansoprazole, United States Pharmacopeia (USP) Reference Standard	1356916-150MG
Lansoprazole for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000774
✓ Lansoprazole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1356927-25MG
✓ Lansoprazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1356931-25MG
✓ Latanoprost, United States Pharmacopeia (USP) Reference Standard	1357475-50MG
✓ Latanoprost Related Compound A, United States Pharmacopeia (USP) Reference Standard	1357486-50MG
✓ Latanoprost Related Compound B, United States Pharmacopeia (USP) Reference Standard	1357497-25MG
✓ Latanoprost Related Compound D, United States Pharmacopeia (USP) Reference Standard	1357522-25MG
✓ Latanoprost Related Compound E, United States Pharmacopeia (USP) Reference Standard	1357533-25MG
Laudanosine, European Pharmacopoeia (EP) Reference Standard	Y0001765
✓ Lauric acid, United States Pharmacopeia (USP) Reference Standard	1356949-500MG
Lauric acid, European Pharmacopoeia (EP) Reference Standard	Y0001474
✓ Lauroyl arginine, United States Pharmacopeia (USP) Reference Standard	1356945-100MG
✓ Lauroyl polyoxyglycerides, United States Pharmacopeia (USP) Reference Standard	1356950-500MG
✓ Lauryl alcohol, United States Pharmacopeia (USP) Reference Standard	1356891-125MG
Leflunomide, European Pharmacopoeia (EP) Reference Standard	Y0000654
✓ Leflunomide, United States Pharmacopeia (USP) Reference Standard	1356960-200MG
Leflunomide for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000674
Leflunomide impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000487
✓ Leflunomide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1357045-100MG
✓ Leflunomide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1357056-20MG
✓ Leflunomide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1357067-10MG
Letrozole, European Pharmacopoeia (EP) Reference Standard	Y0000685
✓ Letrozole, United States Pharmacopeia (USP) Reference Standard	1356971-200MG
✓ Letrozole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1356982-25MG
Leucine, European Pharmacopoeia (EP) Reference Standard	L0375000
✓ L-Leucine, United States Pharmacopeia (USP) Reference Standard	1357001-200MG
✓ Leucovorin Calcium, United States Pharmacopeia (USP) Reference Standard	1358004-500MG
✓ Leuprolide acetate, United States Pharmacopeia (USP) Reference Standard	1358503-200MG
Leuprorelin, European Pharmacopoeia (EP) Reference Standard	L0376000

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Leuporelin - reference spectrum, European Pharmacopoeia (EP)	L0376001
✓ Levadopa Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1361010-50MG
✓ Levalbuterol hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1358784-200MG
✓ Levalbuterol Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1358795-30MG
✓ Levalbuterol Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1358809-20MG
✓ Levalbuterol Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1358810-30MG
✓ Levalbuterol Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1358820-30MG
✓ Levalbuterol Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1358831-30MG
✓ Levalbuterol Related Compound F, United States Pharmacopoeia (USP) Reference Standard	1358842-30MG
✓ Levalbuterol Related Compound H, United States Pharmacopoeia (USP) Reference Standard	1358864-10MG
Levamisole hydrochloride, European Pharmacopoeia (EP) Reference Standard	L0380000
✓ Levamisole hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1359302-125MG
Levamisole hydrochloride for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000047
Levamisole - reference spectrum, European Pharmacopoeia (EP)	Y0000048
Levetiracetam, European Pharmacopoeia (EP) Reference Standard	Y0001253
✓ Levetiracetam, United States Pharmacopoeia (USP) Reference Standard	1359404-200MG
Levetiracetam impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001254
Levetiracetam impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001255
Levetiracetam impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001256
Levetiracetam impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001257
✓ Levetiracetam Racemic Mixture, United States Pharmacopoeia (USP) Reference Standard	1359415-15MG
✓ Levetiracetam Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1359426-20MG
✓ Levetiracetam Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1359437-20MG
✓ Levmetamfetamine, United States Pharmacopoeia (USP) Reference Standard	1359506-75MG
✓ Levobunolol hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1359801-200MG
Levocabastine hydrochloride, European Pharmacopoeia (EP) Reference Standard	L0390000
✓ Levocabastine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1359856-50MG
Levocabastine for system suitability 1, European Pharmacopoeia (EP) Reference Standard	Y0001636
Levocabastine for system suitability 2, European Pharmacopoeia (EP) Reference Standard	Y0001637
✓ Levocabastine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1359867-50MG
✓ Levocarnitine, United States Pharmacopoeia (USP) Reference Standard	1359903-400MG
Levocarnitine, European Pharmacopoeia (EP) Reference Standard	L0399900
Levocarnitine impurity A, European Pharmacopoeia (EP) Reference Standard	L0399905
✓ Levocarnitine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1359925-100MG
✓ Levocetirizine dihydrochloride	1359969-200MG
✓ Levocetirizine amide	1359958-75MG

* Name	Catalog Number
✓ Levodopa, United States Pharmacopoeia (USP) Reference Standard	1361009-200MG
Levodopa, European Pharmacopoeia (EP) Reference Standard	L0400000
✓ Levodopa Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1420006-50MG
Levodropropizine, European Pharmacopoeia (EP) Reference Standard	L0420000
Levodropropizine impurity A, European Pharmacopoeia (EP) Reference Standard	L0420002
Levodropropizine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001033
Levodropropizine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001048
✓ Levofloxacin, United States Pharmacopoeia (USP) Reference Standard	1362103-200MG
✓ Levofloxacin Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1362114-25MG
✓ Levofloxacin Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1362125-35MG
✓ Levofloxacin Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1362136-25MG
✓ Levofloxacin Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1362158-25MG
✓ Levofloxacin Related Compound F	1362169-25MG
✓ Levomedetomidine, United States Pharmacopoeia (USP) Reference Standard	1179344-25MG
✓ Levomenol, United States Pharmacopoeia (USP) Reference Standard	1362307-100MG
Levomopromazine hydrochloride, European Pharmacopoeia (EP) Reference Standard	L0500000
Levomopromazine maleate, European Pharmacopoeia (EP) Reference Standard	L0505000
✓ Levonordefrin, United States Pharmacopoeia (USP) Reference Standard	1362500-200MG
✓ Levonorgestrel, United States Pharmacopoeia (USP) Reference Standard	1362602-125MG
Levonorgestrel, European Pharmacopoeia (EP) Reference Standard	L0551000
Levonorgestrel for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001431
Levonorgestrel for system suitability 2, European Pharmacopoeia (EP) Reference Standard	Y0001618
Levonorgestrel impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001379
✓ Levopropoxyphene napsylate, United States Pharmacopoeia (USP) Reference Standard	1363004-300MG
✓ Levorphanol tartrate, United States Pharmacopoeia (USP) Reference Standard	1364007-500MG
✓ Levothyroxine, United States Pharmacopoeia (USP) Reference Standard	1365000-500MG
✓ Levothyroxine for Peak Identification, United States Pharmacopoeia (USP) Reference Standard	1365021-15MG
Levothyroxine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001382
Levothyroxine sodium, European Pharmacopoeia (EP) Reference Standard	L0570000
✓ Levothyroxine sodium, United States Pharmacopoeia (USP) Reference Standard	1365065-50MG
✓ Lidocaine, United States Pharmacopoeia (USP) Reference Standard	1366002-250MG
Lidocaine, European Pharmacopoeia (EP) Reference Standard	L0595000
Lidocaine hydrochloride, European Pharmacopoeia (EP) Reference Standard	L0600000
✓ Lidocaine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1366013-150MG
✓ Lidocaine Related Compound H	1366080-50MG
✓ Lincocyclin hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1367005-200MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Lincomycin hydrochloride, European Pharmacopoeia (EP) Reference Standard	L0650000
✓ Lindane, United States Pharmacopeia (USP) Reference Standard	1367504-200MG
✓ Linezolid	1367561-200MG
✓ Linezolid R-Isomer, United States Pharmacopeia (USP) Reference Standard	1367639-20MG
✓ Linezolid Related Compound A	1367570-20MG
✓ Linezolid Related Compound B	1367581-20MG
✓ Linezolid Related Compound C, United States Pharmacopeia (USP) Reference Standard	1367592-20MG
✓ Linezolid Related Compound D, United States Pharmacopeia (USP) Reference Standard	1367606-20MG
✓ Linolenyl alcohol, United States Pharmacopeia (USP) Reference Standard	1367699-5X30MG
✓ Linoleoyl polyoxyglycerides, United States Pharmacopeia (USP) Reference Standard	1367708-100MG
✓ Linoleyl alcohol, United States Pharmacopeia (USP) Reference Standard	1367647-5X30MG
✓ Liothyronine, United States Pharmacopeia (USP) Reference Standard	1368008-250MG
Liothyronine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000860
Liothyronine sodium, European Pharmacopoeia (EP) Reference Standard	L0700000
✓ Lisinopril, United States Pharmacopeia (USP) Reference Standard	1368609-300MG
Lisinopril dihydrate, European Pharmacopoeia (EP) Reference Standard	L0702000
Lisinopril for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001701
Lisinopril for system suitability A, European Pharmacopoeia (EP) Reference Standard	Y0001709
Lisinopril impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001234
✓ Lisinopril Related Compound A, United States Pharmacopeia (USP) Reference Standard	1368610-15MG
✓ Lithium carbonate, United States Pharmacopeia (USP) Reference Standard	1369000-300MG
Lithium clavulanate, European Pharmacopoeia (EP) Reference Standard	L0720000
Lithocholic acid, European Pharmacopoeia (EP) Reference Standard	L0720800
Lobeline hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000112
Lomustine, European Pharmacopoeia (EP) Reference Standard	L0745000
✓ Lomustine, United States Pharmacopeia (USP) Reference Standard	1369419-200MG
✓ Lomustine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1369431-25MG
✓ Lomustine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1369442-25MG
✓ Lomustine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1369453-25MG
Long pepper for system suitability HRS, European Pharmacopoeia (EP) Reference Standard	Y0001438
Loperamide hydrochloride, European Pharmacopoeia (EP) Reference Standard	L0750000
✓ Loperamide hydrochloride, United States Pharmacopeia (USP) Reference Standard	1370000-200MG
Loperamide hydrochloride for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000322-15MG Y0000322
Loperamide oxide monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000341
✓ Loperamide Related Compound F, United States Pharmacopeia (USP) Reference Standard	1370065-25MG
Lopinavir, European Pharmacopoeia (EP) Reference Standard	Y0001498

* Name	Catalog Number
✓ Lopinavir, United States Pharmacopeia (USP) Reference Standard	1370101-350MG
Lopinavir for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001506
Lopinavir for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001505
✓ Lopinavir System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1370156-10MG
✓ Loracarbef, United States Pharmacopeia (USP) Reference Standard	1370203-200MG
✓ Loracarbef L-isomer, United States Pharmacopeia (USP) Reference Standard	1370225-25MG
✓ Loratadine, United States Pharmacopeia (USP) Reference Standard	1370270-200MG
Loratadine, European Pharmacopoeia (EP) Reference Standard	Y0000688
Loratadine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000603
Loratadine impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000604
Loratadine impurity H, European Pharmacopoeia (EP) Reference Standard	Y0000605
✓ Loratadine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1370280-15MG
✓ Loratadine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1370291-15MG
✓ Loratadine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1370269-15MG
Lorazepam, European Pharmacopoeia (EP) Reference Standard	L0750500
✓ Lorazepam, United States Pharmacopeia (USP) Reference Standard	1370305-200MG
Lorazepam impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000718-10MG Y0000718
✓ Lorazepam Related Compound A, United States Pharmacopeia (USP) Reference Standard	1370327-25MG
✓ Lorazepam Related Compound B, United States Pharmacopeia (USP) Reference Standard	1370338-25MG
✓ Lorazepam Related Compound C, United States Pharmacopeia (USP) Reference Standard	1370349-25MG
✓ Lorazepam Related Compound D, United States Pharmacopeia (USP) Reference Standard	1370350-25MG
✓ Lorazepam Related Compound E, United States Pharmacopeia (USP) Reference Standard	1370360-25MG
Losartan for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001076-0.0015MG Y0001076
Losartan impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001072
Losartan potassium, European Pharmacopoeia (EP) Reference Standard	Y0001062
✓ Losartan potassium, United States Pharmacopeia (USP) Reference Standard	1370462-150MG
✓ Losartan Related Compound A, United States Pharmacopeia (USP) Reference Standard	1370473-20MG
✓ Losartan Related Compound B, United States Pharmacopeia (USP) Reference Standard	1370484-20MG
✓ Losartan Related Compound C, United States Pharmacopeia (USP) Reference Standard	1370495-20MG
✓ Losartan Related Compound D, United States Pharmacopeia (USP) Reference Standard	1370509-20MG
✓ Losartan Related Compound E, United States Pharmacopeia (USP) Reference Standard	1370510-20MG
✓ Lovastatin, United States Pharmacopeia (USP) Reference Standard	1370600-125MG
Lovastatin, European Pharmacopoeia (EP) Reference Standard	L0790000
✓ Lovastatin Epimer Mixture, United States Pharmacopeia (USP) Reference Standard	1236833-25MG
Lovastatin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001136

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Lovastatin Impurity Identification Mixture, United States Pharmacopeia (USP) Reference Standard	1370655-30MG
✓ Lovastatin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1370611-20MG
✓ Low Molecular Weight Heparin for Bioassays, United States Pharmacopeia (USP) Reference Standard	1304118-5MG
✓ Low Molecular Weight Heparin for Boron Analysis, United States Pharmacopeia (USP) Reference Standard	1304130-300MG
✓ Low Molecular Weight Heparin Molecular Weight Calibrant, United States Pharmacopeia (USP) Reference Standard	1448854-10.6MG
Low-substituted hydroxypropylcellulose, European Pharmacopeia (EP) Reference Standard	Y0001798
✓ Loxapine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1370713-20MG
✓ Loxapine succinate, United States Pharmacopeia (USP) Reference Standard	1370702-125MG
Lufenuron, European Pharmacopeia (EP) Reference Standard	Y0001284
✓ Lufenuron, United States Pharmacopeia (USP) Reference Standard	1370779-200MG
Lufenuron for peak identification, European Pharmacopeia (EP) Reference Standard	Y0001261
Lufenuron impurity G, European Pharmacopeia (EP) Reference Standard	Y0001265
✓ Lufenuron Related Compound B, United States Pharmacopeia (USP) Reference Standard	1370724-15MG
✓ Lufenuron Related Compound C, United States Pharmacopeia (USP) Reference Standard	1370735-15MG
✓ Lufenuron Related Compound G, United States Pharmacopeia (USP) Reference Standard	1370780-15MG
✓ Lumefantrine, United States Pharmacopeia (USP) Reference Standard	1370746-100MG
✓ Lumefantrine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1370757-25MG
✓ Lutein, United States Pharmacopeia (USP) Reference Standard	1370804-3X50MG
✓ Lycopene, United States Pharmacopeia (USP) Reference Standard	1370860-500MG
Lynestrenol, European Pharmacopeia (EP) Reference Standard	L0800000
✓ Lynestrenol, United States Pharmacopeia (USP) Reference Standard	1370906-20MG
Lynestrenol for peak identification, European Pharmacopeia (EP) Reference Standard	Y0001034
✓ Lypressin, United States Pharmacopeia (USP) Reference Standard	1711133-2MG
✓ Lysergic acid diethylamide tartrate, United States Pharmacopeia (USP) Reference Standard	1371002-10MG
Lysine hydrochloride, European Pharmacopeia (EP) Reference Standard	L0900000
✓ L-Lysine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1372005-200MG
Lysine acetate, European Pharmacopeia (EP) Reference Standard	Y0000397
✓ L-Lysine acetate, United States Pharmacopeia (USP) Reference Standard	1371501-200MG
✓ Lysophosphatidylcholine, United States Pharmacopeia (USP) Reference Standard	1372050-250MG
✓ Lysophosphatidylcholine (Soy), United States Pharmacopeia (USP) Reference Standard	1372061-40MG
Macrogol 30 dipolyhydroxystearate, European Pharmacopeia (EP) Reference Standard	Y0001369
Macrogol-poly(vinyl alcohol) graft-copolymer, European Pharmacopeia (EP) Reference Standard	Y0001157
Macrogol 40 sorbitol heptaoleate, European Pharmacopeia (EP) Reference Standard	Y0000745
✓ Mafenide acetate, United States Pharmacopeia (USP) Reference Standard	1373008-200MG
✓ Mafenide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1286209-50MG

* Name	Catalog Number
✓ Magaldrate, United States Pharmacopeia (USP) Reference Standard	1374000-200MG
Magnesium aspartate dihydrate, European Pharmacopeia (EP) Reference Standard	M0088000
✓ Magnesium carbonate, United States Pharmacopeia (USP) Reference Standard	1374226-2G
✓ Magnesium chloride, United States Pharmacopeia (USP) Reference Standard	1374248-1G
✓ Magnesium hydroxide, United States Pharmacopeia (USP) Reference Standard	1374260-1G
✓ Magnesium phosphate, United States Pharmacopeia (USP) Reference Standard	1374292-2G
✓ Magnesium salicylate, United States Pharmacopeia (USP) Reference Standard	1374306-200MG
✓ Magnesium stearate, United States Pharmacopeia (USP) Reference Standard	1374340-5G
✓ Magnesium sulfate, United States Pharmacopeia (USP) Reference Standard	1374361-1G
Magnolol, European Pharmacopeia (EP) Reference Standard	Y0001289
✓ Malathion, United States Pharmacopeia (USP) Reference Standard	1374408-500MG
Malathion, European Pharmacopeia (EP) Reference Standard	M0120000
Malathion impurity A, European Pharmacopeia (EP) Reference Standard	M0120005
Malathion impurity B, European Pharmacopeia (EP) Reference Standard	M0120010
✓ Maleic acid, United States Pharmacopeia (USP) Reference Standard	1374500-300MG
Maleic acid, European Pharmacopeia (EP) Reference Standard	M0100000
✓ Malic acid, United States Pharmacopeia (USP) Reference Standard	1374601-500MG
Malic acid - reference spectrum, European Pharmacopeia (EP)	Y0000143
✓ Maltitol, United States Pharmacopeia (USP) Reference Standard	1374907-200MG
Maltitol, European Pharmacopeia (EP) Reference Standard	M0160000
✓ Maltol, United States Pharmacopeia (USP) Reference Standard	1375003-4G
✓ Maltose monohydrate, United States Pharmacopeia (USP) Reference Standard	1375025-500MG
✓ Maltotriose, United States Pharmacopeia (USP) Reference Standard	1375047-500MG
✓ Mandelic acid, United States Pharmacopeia (USP) Reference Standard	1375058-500MG
✓ Mangafodipir Related Compound A, United States Pharmacopeia (USP) Reference Standard	1375070-15MG
✓ Mangafodipir Related Compound B, United States Pharmacopeia (USP) Reference Standard	1375080-15MG
✓ Mangafodipir Related Compound C, United States Pharmacopeia (USP) Reference Standard	1375091-15MG
✓ Mangafodipir trisodium, United States Pharmacopeia (USP) Reference Standard	1375069-300MG
✓ Manganese chloride, United States Pharmacopeia (USP) Reference Standard	1375127-1G
✓ Manganese sulfate, United States Pharmacopeia (USP) Reference Standard	1375149-1G
Mangiferin, European Pharmacopeia (EP) Reference Standard	Y0001751
✓ Mannitol, United States Pharmacopeia (USP) Reference Standard	1375105-1.5G
Mannitol, European Pharmacopeia (EP) Reference Standard	M0200000
✓ Mannosamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1375160-300MG
✓ Mannose, United States Pharmacopeia (USP) Reference Standard	1375182-300MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Maprotiline hydrochloride, European Pharmacopoeia (EP) Reference Standard	M0206000
✓ Maprotiline hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1375207-200MG
Maprotiline impurity D, European Pharmacopoeia (EP) Reference Standard	M0206040
✓ Maprotiline Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1375241-15MG
Marbofloxacin, European Pharmacopoeia (EP) Reference Standard	Y0000819
Marbofloxacin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000820
✓ Maritime pine extract, United States Pharmacopoeia (USP) Reference Standard	1539803-2G
✓ Mazindol, United States Pharmacopoeia (USP) Reference Standard	1375309-350MG
Measles vaccine (live) BRP, European Pharmacopoeia (EP)	M0210000
✓ Mebendazole, United States Pharmacopoeia (USP) Reference Standard	1375502-200MG
Mebendazole, European Pharmacopoeia (EP) Reference Standard	M0215000
Mebendazole for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000144
✓ Mebendazole Polymorph C, United States Pharmacopoeia (USP) Reference Standard	1375513-200MG
✓ Mebendazole Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1374995-15MG
✓ Mebendazole Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1375535-15MG
✓ Mebendazole Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1375546-15MG
✓ Mebendazole Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1375524-15MG
✓ Mebendazole Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1375557-15MG
✓ Mebendazole Related Compound F, United States Pharmacopoeia (USP) Reference Standard	1375568-15MG
Mebrofenin, European Pharmacopoeia (EP) Reference Standard	Y0001086
✓ Mebrofenin, United States Pharmacopoeia (USP) Reference Standard	1375706-100MG
✓ Mecamylamine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1376006-200MG
✓ Mecamylamine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1376017-10MG
✓ Mecizine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1377009-500MG
✓ Mecizine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1377010-15MG
✓ Mecizine Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1377029-15MG
✓ Meclocycline sulfosalicylate, United States Pharmacopoeia (USP) Reference Standard	1377508-300MG
Meclozine dihydrochloride, European Pharmacopoeia (EP) Reference Standard	M0220000
Meclozine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001310
Meclozine impurity H, European Pharmacopoeia (EP) Reference Standard	Y0001311
Medronic acid, European Pharmacopoeia (EP) Reference Standard	M0240000
Medronic acid impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001107
Medronic acid impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001106
✓ Medroxyprogesterone acetate, United States Pharmacopoeia (USP) Reference Standard	1378001-200MG
Medroxyprogesterone acetate, European Pharmacopoeia (EP) Reference Standard	M0250000

* Name	Catalog Number
Medroxyprogesterone acetate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001484
Medroxyprogesterone acetate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000598
✓ Medroxyprogesterone acetate Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1378012-25MG
✓ Medroxyprogesterone acetate Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1378023-25MG
✓ Medrysone, United States Pharmacopoeia (USP) Reference Standard	1379004-500MG
Mefenamic acid, European Pharmacopoeia (EP) Reference Standard	M0252600
✓ Mefenamic acid, United States Pharmacopoeia (USP) Reference Standard	1379605-200MG
Mefenamic acid impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001081
Mefloquine hydrochloride, European Pharmacopoeia (EP) Reference Standard	M0253000
✓ Mefloquine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1379059-100MG
✓ Mefloquine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1379060-20MG
✓ Megestrol acetate, United States Pharmacopoeia (USP) Reference Standard	1379106-250MG
Megestrol acetate, European Pharmacopoeia (EP) Reference Standard	Y0001514
Megestrol acetate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001507
Megestrol acetate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001524
Megestrol acetate impurity K, European Pharmacopoeia (EP) Reference Standard	Y0001594
Megestrol acetate - reference spectrum, European Pharmacopoeia (EP)	M0260100
✓ Meglumine, United States Pharmacopoeia (USP) Reference Standard	1379140-500MG
✓ Melamine, United States Pharmacopoeia (USP) Reference Standard	1379183-250MG
✓ Melatonin, United States Pharmacopoeia (USP) Reference Standard	1380105-150MG
✓ Melatonin Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1380116-15MG
Meldonium dihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001670
Meldonium impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001671
Meldonium impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001672
Meldonium impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001673
Meldonium impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001674
Meldonium impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001675
Meldonium impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001676
✓ Melengestrol acetate, United States Pharmacopoeia (USP) Reference Standard	1379254-125MG
✓ Melengestrol Acetate Related B, United States Pharmacopoeia (USP) Reference Standard	1379276-25MG
✓ Melengestrol Acetate Related Compound A hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1379265-25MG
✓ Meloxicam, United States Pharmacopoeia (USP) Reference Standard	1379401-400MG
Meloxicam, European Pharmacopoeia (EP) Reference Standard	Y0001080
Meloxicam impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001035
Meloxicam impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001036

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Meloxicam impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001037
Meloxicam impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001039
✓ Meloxicam Related Compound A, United States Pharmacopeia (USP) Reference Standard	1379412-25MG
✓ Meloxicam Related Compound B, United States Pharmacopeia (USP) Reference Standard	1379423-25MG
✓ Meloxicam Related Compound C, United States Pharmacopeia (USP) Reference Standard	1379434-30MG
✓ Meloxicam Related Compound D, United States Pharmacopeia (USP) Reference Standard	1379445-30MG
Melphalan hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001158
Melphalan for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001457
Melphalan - reference spectrum, European Pharmacopoeia (EP)	Y0001513
✓ Memantine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1380502-150MG
✓ Memantine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1380513-50MG
✓ Memantine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1380524-15MG
✓ Memantine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1380535-50MG
✓ Memantine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1380546-50MG
✓ Memantine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1380557-15MG
✓ Menadione, United States Pharmacopeia (USP) Reference Standard	1381006-200MG
Menadione, European Pharmacopoeia (EP) Reference Standard	M0300000
✓ Menaquinone-7, United States Pharmacopeia (USP) Reference Standard	1381119-3X50MG
✓ Menhaden oil, United States Pharmacopeia (USP) Reference Standard	1381200-2ML
Menthol, European Pharmacopoeia (EP) Reference Standard	M0350000
✓ Menthol, United States Pharmacopeia (USP) Reference Standard	1381709-250MG
✓ Meperidine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1383001-200MG
✓ Mephentoin, United States Pharmacopeia (USP) Reference Standard	1385007-250MG
✓ Mephobarbital, United States Pharmacopeia (USP) Reference Standard	1386000-250MG
✓ Mepivacaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1387002-200MG
Mepivacaine hydrochloride, European Pharmacopoeia (EP) Reference Standard	M0370000
Mepivacaine impurity B, European Pharmacopoeia (EP) Reference Standard	M0370020
✓ Meprednisone, United States Pharmacopeia (USP) Reference Standard	1388005-200MG
Meprobamate, European Pharmacopoeia (EP) Reference Standard	M0400000
✓ Meprobamate, United States Pharmacopeia (USP) Reference Standard	1389008-200MG
✓ Meprylcaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1390007-200MG
Mepyramine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000679
Mepyramine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000680
Mepyramine maleate, European Pharmacopoeia (EP) Reference Standard	M0500000
✓ Meradimate, United States Pharmacopeia (USP) Reference Standard	1381742-500MG

* Name	Catalog Number
✓ 3-Mercapto-2-methylpropanoic acid 1,2-diphenylthylamine salt, United States Pharmacopeia (USP) Reference Standard	1391000-75MG
✓ Mercaptopurine, United States Pharmacopeia (USP) Reference Standard	1392002-500MG
✓ Meropenem, United States Pharmacopeia (USP) Reference Standard	1392454-300MG
Meropenem trihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001252
✓ Mesalamine, United States Pharmacopeia (USP) Reference Standard	1392705-200MG
Mesalazine, European Pharmacopoeia (EP) Reference Standard	Y0000297
Mesalazine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001574
Mesalazine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001563
Mesalazine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001569
Mesityl oxide, European Pharmacopoeia (EP) Reference Standard	Y0001040
✓ Mesna, United States Pharmacopeia (USP) Reference Standard	1392807-200MG
Mesna impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000316
Mesna impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000317
Mesna - reference spectrum, European Pharmacopoeia (EP)	Y0000337
✓ Mesna Related Compound A, United States Pharmacopeia (USP) Reference Standard	1392818-50MG
✓ Mesna Related Compound B, United States Pharmacopeia (USP) Reference Standard	1392829-50MG
Meso-rich exametazime, European Pharmacopoeia (EP) Reference Standard	Y0000227
✓ Mesoridazine besylate, United States Pharmacopeia (USP) Reference Standard	1393005-250MG
Mesterolone impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000096
Mestranol, European Pharmacopoeia (EP) Reference Standard	M0600000
✓ Mestranol, United States Pharmacopeia (USP) Reference Standard	1394008-200MG
✓ Metacresol, United States Pharmacopeia (USP) Reference Standard	1395204-1ML
Metacresol - reference spectrum, European Pharmacopoeia (EP)	Y0000301
Metamizole impurity A, European Pharmacopoeia (EP) Reference Standard	M0600905
Metamizole impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001481
Metamizole sodium, European Pharmacopoeia (EP) Reference Standard	M0600900
✓ Metaproterenol sulfate, United States Pharmacopeia (USP) Reference Standard	1395500-200MG
✓ Metaraminol bitartrate, United States Pharmacopeia (USP) Reference Standard	1396003-200MG
✓ Metaxalone, United States Pharmacopeia (USP) Reference Standard	1396149-200MG
✓ Metaxalone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1396150-10MG
✓ Metaxalone Related Compound B, United States Pharmacopeia (USP) Reference Standard	1396168-25MG
✓ Metaxalone Related Compound C, United States Pharmacopeia (USP) Reference Standard	1396171-25MG
Metformin hydrochloride, European Pharmacopoeia (EP) Reference Standard	M0605000
✓ Metformin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1396309-200MG
Metformin impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001590

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Metformin impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001600
✓ Metformin Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1396310-30MG
✓ Metformin Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1396331-25MG
✓ Metformin Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1396342-25MG
✓ Methacholine chloride, United States Pharmacopoeia (USP) Reference Standard	1396364-500MG
✓ Methacrylic acid and methyl methacrylate copolymer (1:1), United States Pharmacopoeia (USP) Reference Standard	1396400-200MG
✓ Methacrylic acid copolymer type B, United States Pharmacopoeia (USP) Reference Standard	1396502-200MG
✓ Methacrylic acid copolymer type C, United States Pharmacopoeia (USP) Reference Standard	1396604-200MG
Methacrylic acid-ethylacrylate copolymer (1:1), dispersion 30% - reference spectrum, European Pharmacopoeia (EP)	M0610030
Methacrylic acid-ethyl acrylate copolymer (1:1) - type A, European Pharmacopoeia (EP) Reference Standard	Y0000770
Methacrylic acid-ethyl acrylate copolymer (1:1) - type B, European Pharmacopoeia (EP) Reference Standard	Y0000323
Methacrylic acid - methylmethacrylate copolymer (1:1), European Pharmacopoeia (EP) Reference Standard	Y0001820
Methacrylic acid - methylmethacrylate copolymer (1:2), European Pharmacopoeia (EP) Reference Standard	Y0001821
Methacrylic acid-methylmethacrylate copolymer (1:1) - reference spectrum, European Pharmacopoeia (EP)	M0620000
Methacrylic acid-methylmethacrylate copolymer (1:2) - reference spectrum, European Pharmacopoeia (EP)	M0630000
✓ Methacycline hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1397006-200MG
✓ Methadone hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1398009-200MG
Methadone hydrochloride - reference spectrum, European Pharmacopoeia (EP)	M0800000
✓ Methamphetamine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1399001-125MG
Methanol - reference spectrum, European Pharmacopoeia (EP)	Y0000428
✓ Methantheline bromide, United States Pharmacopoeia (USP) Reference Standard	1401001-200MG
✓ Methapyrilene fumarate, United States Pharmacopoeia (USP) Reference Standard	1402004-200MG
Methaqualone - reference spectrum, European Pharmacopoeia (EP)	M0900000
✓ Metharbital, United States Pharmacopoeia (USP) Reference Standard	1405002-200MG
✓ Methazolamide, United States Pharmacopoeia (USP) Reference Standard	1406005-500MG
✓ Methdilazine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1408000-200MG
Methenamine, European Pharmacopoeia (EP) Reference Standard	Y0000754
✓ Methenamine, United States Pharmacopoeia (USP) Reference Standard	1409003-500MG
✓ Methenamine hippurate, United States Pharmacopoeia (USP) Reference Standard	1409502-200MG
✓ Methenamine mandelate, United States Pharmacopoeia (USP) Reference Standard	1409604-200MG
✓ Methicillin sodium, United States Pharmacopoeia (USP) Reference Standard	1410002-500MG
✓ Methimazole, United States Pharmacopoeia (USP) Reference Standard	1411005-200MG
✓ Methimazole Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1411016-3X50MG
✓ Methimazole Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1411038-3X50MG

* Name	Catalog Number
Methionine, European Pharmacopoeia (EP) Reference Standard	M0960000
✓ L-Methionine, United States Pharmacopoeia (USP) Reference Standard	1411504-200MG
D,L-Methionine, European Pharmacopoeia (EP) Reference Standard	M0950000
✓ Methocarbamol, United States Pharmacopoeia (USP) Reference Standard	1412008-200MG
✓ Methohexital, United States Pharmacopoeia (USP) Reference Standard	1413000-500MG
✓ Methotrexate, United States Pharmacopoeia (USP) Reference Standard	1414003-500MG
Methotrexate, European Pharmacopoeia (EP) Reference Standard	M1000000
✓ R-Methotrexate, United States Pharmacopoeia (USP) Reference Standard	1413988-5MG
Methotrexate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000602
Methotrexate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001668
Methotrexate impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000663
Methotrexate impurity D, European Pharmacopoeia (EP) Reference Standard	M1000008
Methotrexate impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000664
✓ Methotrexate Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1414025-75MG
✓ Methotrexate Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1414036-50MG
✓ Methotrexate Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1414058-50MG
✓ Methotrexate System Suitability Mixture, United States Pharmacopoeia (USP) Reference Standard	1413999-5MG
✓ Methotrimeprazine, United States Pharmacopoeia (USP) Reference Standard	1415006-200MG
✓ Methoxamine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1416009-200MG
✓ Methoxsalen, United States Pharmacopoeia (USP) Reference Standard	1417001-200MG
✓ Methoxyflurane, United States Pharmacopoeia (USP) Reference Standard	1418004-0.5ML
✓ Methoxymethylguanine, United States Pharmacopoeia (USP) Reference Standard	1418650-20MG
✓ Methscopolamine bromide, United States Pharmacopoeia (USP) Reference Standard	1421009-200MG
✓ Methsuximide, United States Pharmacopoeia (USP) Reference Standard	1422001-500MG
✓ Methyclothiazide, United States Pharmacopoeia (USP) Reference Standard	1424007-200MG
✓ Methyclothiazide Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1424018-50MG
✓ Methyl acetate, United States Pharmacopoeia (USP) Reference Standard	1424051-3X1.2ML
✓ 9-Methylacridine, United States Pharmacopoeia (USP) Reference Standard	1424084-25MG
✓ Methyl alcohol, United States Pharmacopoeia (USP) Reference Standard	1424109-3AMP
Methylatropine bromide, European Pharmacopoeia (EP) Reference Standard	M1300000
✓ Methylbenzethonium chloride, United States Pharmacopoeia (USP) Reference Standard	1424211-200MG
✓ Methylbenzhydrol, United States Pharmacopoeia (USP) Reference Standard	1424209-50MG
✓ Methyl benzylidene camphor, United States Pharmacopoeia (USP) Reference Standard	1424222-200MG
✓ 3-Methyl-1-butanol, United States Pharmacopoeia (USP) Reference Standard	1424153-3X1.2ML
✓ Methyl caprate, United States Pharmacopoeia (USP) Reference Standard	1424233-300MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Methyl caproate, United States Pharmacopeia (USP) Reference Standard	1424244-300MG
✓ Methyl caprylate, United States Pharmacopeia (USP) Reference Standard	1424255-300MG
✓ Methyl cellulose, United States Pharmacopeia (USP) Reference Standard	1424506-1G
Methyl 2-(4-chlorophenoxy)-2-methylpropionate, European Pharmacopoeia (EP) Reference Standard	M1470000
✓ Methylcobalamin, United States Pharmacopeia (USP) Reference Standard	1424550-2X150MG
✓ 4-Methyl-2,5-dimethoxyamphetamine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1425000-25MG
✓ Methyl dopa, United States Pharmacopeia (USP) Reference Standard	1426002-500MG
Methyl dopa, European Pharmacopoeia (EP) Reference Standard	M1500000
Methyl dopa for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001083
✓ Methyl dopate hydrochloride	1427005-200MG
Methylene chloride, European Pharmacopoeia (EP) Reference Standard	M1550000
✓ Methylene dioxy-3,4-amphetamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1429000-25MG
✓ Methylene Simvastatin, United States Pharmacopeia (USP) Reference Standard	1428229-30MG
✓ Methylergonovine maleate, United States Pharmacopeia (USP) Reference Standard	1430000-50MG
✓ Methyl ethyl ketone, United States Pharmacopeia (USP) Reference Standard	1430101-3X1.2ML
<i>N</i> -Methyl-D-glucamine, European Pharmacopoeia (EP) Reference Standard	Y0001209
Methyl 12-hydroxystearate, European Pharmacopoeia (EP) Reference Standard	M1556000
✓ Methyl isobutyl ketone, United States Pharmacopeia (USP) Reference Standard	1430203-3X1.2ML
✓ Methyl laurate, United States Pharmacopeia (USP) Reference Standard	1430305-500MG
✓ Methyl linoleate, United States Pharmacopeia (USP) Reference Standard	1430327-5X50MG
✓ Methyl linolenate, United States Pharmacopeia (USP) Reference Standard	1430349-5X50MG
✓ (<i>Z</i>)- <i>N'</i> -Methylmeloxicam, United States Pharmacopeia (USP) Reference Standard	1379456-30MG
Methyl methacrylate, European Pharmacopoeia (EP) Reference Standard	Y0001488
✓ 3-O-Methylmethyl dopa, United States Pharmacopeia (USP) Reference Standard	1430509-50MG
✓ Methyl myristate, United States Pharmacopeia (USP) Reference Standard	1431501-300MG
Methyl nicotinate, European Pharmacopoeia (EP) Reference Standard	Y0000398
✓ 6-Methylnicotinic acid, United States Pharmacopeia (USP) Reference Standard	1430815-50MG
Methylnitrosoindoline	M1625000
✓ Methyl oleate, United States Pharmacopeia (USP) Reference Standard	1431556-500MG
✓ Methyl palmitate, United States Pharmacopeia (USP) Reference Standard	1431603-300MG
✓ Methyl palmitoleate, United States Pharmacopeia (USP) Reference Standard	1431625-300MG
✓ Methylparaben, United States Pharmacopeia (USP) Reference Standard	1432005-125MG
Methyl parahydroxybenzoate, European Pharmacopoeia (EP) Reference Standard	M1650000
✓ Methylphenidate hydrochloride	1433008-125MG
✓ Methylphenidate hydrochloride erythro isomer solution, United States Pharmacopeia (USP) Reference Standard	1434011-0.5ML
Methylphenidate impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001490

* Name	Catalog Number
Methylphenidate impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0000910
✓ Methylphenidate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1434022-50MG
Methylphenobarbital, European Pharmacopoeia (EP) Reference Standard	M1700000-1EA M1700000
✓ Methylprednisolone, United States Pharmacopeia (USP) Reference Standard	1435003-200MG
Methylprednisolone, European Pharmacopoeia (EP) Reference Standard	M1750000
Methylprednisolone acetate	M1755000
✓ Methylprednisolone acetate, United States Pharmacopeia (USP) Reference Standard	1436006-200MG
Methylprednisolone acetate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001736
Methylprednisolone acetate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001760
Methylprednisolone for system suitability A, European Pharmacopoeia (EP) Reference Standard	Y0001799
✓ Methylprednisolone hemisuccinate, United States Pharmacopeia (USP) Reference Standard	1437009-200MG
Methylprednisolone hydrogen succinate, European Pharmacopoeia (EP) Reference Standard	M1755200
Methylprednisolone hydrogen succinate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001759
Methylprednisolone hydrogen succinate for performance test, European Pharmacopoeia (EP) Reference Standard	M1755220
✓ 2-Methyl-1-propanol, United States Pharmacopeia (USP) Reference Standard	1437053-3X1.2ML
2-Methylpyrazine, European Pharmacopoeia (EP) Reference Standard	Y0001376
✓ Methylpyrrolidone, United States Pharmacopeia (USP) Reference Standard	1437202-2G
<i>N</i> -Methylpyrrolidone - reference spectrum, European Pharmacopoeia (EP)	Y0000190-1EA Y0000190
Methyl ricinoleate, European Pharmacopoeia (EP) Reference Standard	M1770180
Methylrosanilinium chloride, European Pharmacopoeia (EP) Reference Standard	Y0000418
Methylrosanilinium for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000407
✓ Methyl salicylate, United States Pharmacopeia (USP) Reference Standard	1437450-2ML
✓ Methyl salicylate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1437461-50MG
Methyl stearate, European Pharmacopoeia (EP) Reference Standard	M1770200
✓ Methyl stearate, United States Pharmacopeia (USP) Reference Standard	1437508-300MG
✓ Methylsulfonylmethane, United States Pharmacopeia (USP) Reference Standard	1437600-200MG
Methyltestosterone, European Pharmacopoeia (EP) Reference Standard	M1800000
✓ Methyltestosterone, United States Pharmacopeia (USP) Reference Standard	1438001-250MG
Methyltestosterone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000861
Methylthionium chloride, European Pharmacopoeia (EP) Reference Standard	M1800900
✓ Methyl tricosanoate, United States Pharmacopeia (USP) Reference Standard	1438205-200MG
✓ Methysergide maleate, United States Pharmacopeia (USP) Reference Standard	1440003-350MG
Metixene hydrochloride, European Pharmacopoeia (EP) Reference Standard	M1808000
Metoclopramide, European Pharmacopoeia (EP) Reference Standard	M1824990
Metoclopramide hydrochloride, European Pharmacopoeia (EP) Reference Standard	M1825000

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Metoclopramide hydrochloride, United States Pharmacopeia (USP) Reference Standard	1440808-500MG
Metoclopramide impurity A, European Pharmacopoeia (EP) Reference Standard	M1824995
Metoclopramide impurity E, European Pharmacopoeia (EP) Reference Standard	M1825010
✓ Metoclopramide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1440819-15MG
✓ Metoclopramide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1440820-15MG
✓ Metoclopramide Related Compound D, United States Pharmacopeia (USP) Reference Standard	1440841-15MG
✓ Metolazone, United States Pharmacopeia (USP) Reference Standard	1441200-200MG
Metolazone, European Pharmacopoeia (EP) Reference Standard	Y0000701
Metolazone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000702
✓ Metomidate hydrochloride, United States Pharmacopeia (USP) Reference Standard	1268772-50MG
Metoprolol tartrate, European Pharmacopoeia (EP) Reference Standard	M1830000
✓ Metoprolol fumarate, United States Pharmacopeia (USP) Reference Standard	1441287-200MG
Metoprolol impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000145
✓ Metoprolol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1441232-20MG
✓ Metoprolol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1441243-100MG
✓ Metoprolol Related Compound D, United States Pharmacopeia (USP) Reference Standard	1441265-50MG
✓ Metoprolol succinate, United States Pharmacopeia (USP) Reference Standard	1441298-200MG
Metoprolol succinate - reference spectrum, European Pharmacopoeia (EP)	Y0000171
✓ Metoprolol tartrate, United States Pharmacopeia (USP) Reference Standard	1441301-200MG
Metrifonate, European Pharmacopoeia (EP) Reference Standard	M1845000
✓ Metronidazole, United States Pharmacopeia (USP) Reference Standard	1442009-100MG
Metronidazole, European Pharmacopoeia (EP) Reference Standard	M1850000
Metronidazole benzoate, European Pharmacopoeia (EP) Reference Standard	M1851000
✓ Metronidazole benzoate, United States Pharmacopeia (USP) Reference Standard	1442100-100MG
Metronidazole benzoate - reference spectrum, European Pharmacopoeia (EP)	Y0000069
Metronidazole impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000087
✓ Metyrapone, United States Pharmacopeia (USP) Reference Standard	1443001-200MG
✓ Metyrosine, United States Pharmacopeia (USP) Reference Standard	1443205-200MG
Mexiletine hydrochloride, European Pharmacopoeia (EP) Reference Standard	M1860000
✓ Mexiletine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1443250-200MG
Mexiletine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000202
Mexiletine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000203
✓ Mezlocillin sodium, United States Pharmacopeia (USP) Reference Standard	1443307-350MG
Mianserin hydrochloride, European Pharmacopoeia (EP) Reference Standard	M1875000
Mianserin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000862

* Name	Catalog Number
Mianserin impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001041
✓ Mibolerone, United States Pharmacopeia (USP) Reference Standard	1443362-200MG
Miconazole, European Pharmacopoeia (EP) Reference Standard	M1880000
✓ Miconazole, United States Pharmacopeia (USP) Reference Standard	1443409-200MG
✓ Miconazole nitrate, United States Pharmacopeia (USP) Reference Standard	1443500-200MG
Miconazole nitrate, European Pharmacopoeia (EP) Reference Standard	M1900000
✓ Microcrystalline Cellulose, United States Pharmacopeia (USP) Reference Standard	1098388-1G
✓ Midazolam, United States Pharmacopeia (USP) Reference Standard	1443599-300MG
✓ Midazolam hydrochloride, United States Pharmacopeia (USP) Reference Standard	1443602-200MG
Midazolam impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000562
✓ Midodrine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1443704-200MG
✓ Midodrine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1443715-40MG
✓ Mifepristone, United States Pharmacopeia (USP) Reference Standard	1443759-200MG
✓ Milbemycin oxime, United States Pharmacopeia (USP) Reference Standard	1443806-200MG
Milk thistle dry extract HRS, European Pharmacopoeia (EP) Reference Standard	Y0001687
✓ Milrinone, United States Pharmacopeia (USP) Reference Standard	1443908-500MG
✓ Milrinone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1443919-50MG
✓ Mineral oil, United States Pharmacopeia (USP) Reference Standard	1443952-1.5ML
Minocycline hydrochloride, European Pharmacopoeia (EP) Reference Standard	M2280000
✓ Minocycline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1444004-350MG
✓ Minoxidil, United States Pharmacopeia (USP) Reference Standard	1444208-125MG
Minoxidil, European Pharmacopoeia (EP) Reference Standard	M2300000
Minoxidil for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001432
✓ Mirtazapine, United States Pharmacopeia (USP) Reference Standard	1444279-350MG
Mirtazapine, European Pharmacopoeia (EP) Reference Standard	Y0000705
Mirtazapine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000721
✓ Mirtazapine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1444285-15MG
✓ Mirtazapine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1444235-25MG
✓ Mirtazapine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1444241-50MG
✓ Mirtazapine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1444252-50MG
✓ Mirtazapine resolution mixture, United States Pharmacopeia (USP) Reference Standard	1444296-25MG
Misoprostol, European Pharmacopoeia (EP) Reference Standard	Y0000490
✓ Misoprostol, United States Pharmacopeia (USP) Reference Standard	1444300-100MG
Misoprostol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001162
Mitomycin, European Pharmacopoeia (EP) Reference Standard	Y0000378

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Mitomycin, United States Pharmacopeia (USP) Reference Standard	1444707-50MG
✓ Mitotane, United States Pharmacopeia (USP) Reference Standard	1445007-500MG
Mitoxantrone hydrochloride, European Pharmacopoeia (EP) Reference Standard	M2305000
✓ Mitoxantrone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1445200-400MG
Mitoxantrone impurity A, European Pharmacopoeia (EP) Reference Standard	M2305005
✓ Mitoxantrone System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1445211-0.3MG
✓ Modafinil Related Compound A, United States Pharmacopeia (USP) Reference Standard	1445346-20MG
✓ Modafinil Related Compound B, United States Pharmacopeia (USP) Reference Standard	1445357-20MG
✓ Modafinil Related Compound C, United States Pharmacopeia (USP) Reference Standard	1445368-20MG
✓ Modafinil Related Compound D, United States Pharmacopeia (USP) Reference Standard	1445379-20MG
✓ Modafinil Related Compound E, United States Pharmacopeia (USP) Reference Standard	1445380-20MG
✓ Moexipril hydrochloride, United States Pharmacopeia (USP) Reference Standard	1445426-100MG
✓ Moexipril Related Compound A, United States Pharmacopeia (USP) Reference Standard	1445608-20MG
✓ Moexipril Related Compound B, United States Pharmacopeia (USP) Reference Standard	1445619-20MG
✓ Moexipril Related Compound C, United States Pharmacopeia (USP) Reference Standard	1445620-20MG
✓ Moexipril Related Compound D, United States Pharmacopeia (USP) Reference Standard	1445631-20MG
✓ Moexipril Related Compound E, United States Pharmacopeia (USP) Reference Standard	1445642-20MG
✓ Moexipril Related Compound F, United States Pharmacopeia (USP) Reference Standard	1445653-20MG
✓ Moexipril Related Compound G, United States Pharmacopeia (USP) Reference Standard	1445664-20MG
✓ Mogroside V, United States Pharmacopeia (USP) Reference Standard	1445448-100MG
Molgramostim, European Pharmacopoeia (EP) Reference Standard	Y0000251
✓ Molindone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1445459-500MG
Molsidomine, European Pharmacopoeia (EP) Reference Standard	Y0000821
Molsidomine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000822
Molsidomine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000823
✓ Mometasone furoate, United States Pharmacopeia (USP) Reference Standard	1445470-200MG
Mometasone furoate, European Pharmacopoeia (EP) Reference Standard	M2900000
✓ Monensin sodium, United States Pharmacopeia (USP) Reference Standard	1445481-200MG
✓ Monk fruit extract, United States Pharmacopeia (USP) Reference Standard	1445492-500MG
✓ Monobasic potassium phosphate, United States Pharmacopeia (USP) Reference Standard	1551139-5G
✓ Monobenzene, United States Pharmacopeia (USP) Reference Standard	1445506-200MG
✓ Monoclonal IgG System Suitability, United States Pharmacopeia (USP) Reference Standard	1445550-2MG
✓ Monoethanolamine, United States Pharmacopeia (USP) Reference Standard	1445925-1ML
✓ Monoglycerides, United States Pharmacopeia (USP) Reference Standard	1446000-125MG
✓ Monosodium glutamate, United States Pharmacopeia (USP) Reference Standard	1446600-1G

* Name	Catalog Number
✓ Monostearyl maleate, United States Pharmacopeia (USP) Reference Standard	1446804-100MG
Montelukast sodium, European Pharmacopoeia (EP) Reference Standard	Y0001434
✓ Montelukast sodium, United States Pharmacopeia (USP) Reference Standard	1446859-50MG
Montelukast dicyclohexylamine, European Pharmacopoeia (EP) Reference Standard	Y0001436
✓ Montelukast dicyclohexylamine, United States Pharmacopeia (USP) Reference Standard	1446815-150MG
✓ Montelukast for peak identification, United States Pharmacopeia (USP) Reference Standard	1446837-20MG
Montelukast for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001435
✓ Montelukast racemate, United States Pharmacopeia (USP) Reference Standard	1446848-20MG
Montelukast racemate, European Pharmacopoeia (EP) Reference Standard	Y0001433
Morantel hydrogen tartrate, European Pharmacopoeia (EP) Reference Standard	Y0000028
✓ Morantel tartrate, United States Pharmacopeia (USP) Reference Standard	1446906-100MG
✓ Moricizine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1446950-250MG
✓ Morphine monohydrate, United States Pharmacopeia (USP) Reference Standard	1447002-50MG
✓ Morphine sulfate, United States Pharmacopeia (USP) Reference Standard	1448005-500MG
✓ Morphine sulfate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1448016-20MG
✓ Morphine sulfate Related Compound B, United States Pharmacopeia (USP) Reference Standard	1448027-20MG
Moxidectin, European Pharmacopoeia (EP) Reference Standard	Y0000772
✓ Moxidectin, United States Pharmacopeia (USP) Reference Standard	1448559-200MG
Moxidectin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000747
✓ Moxidectin System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1448560-50MG
Moxifloxacin hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000703
✓ Moxifloxacin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1448606-200MG
Moxifloxacin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000717
✓ Moxifloxacin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1448617-25MG
✓ Moxifloxacin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1448628-25MG
✓ Moxifloxacin Related Compound C, United States Pharmacopeia (USP) Reference Standard	1448639-25MG
✓ Moxifloxacin Related Compound D, United States Pharmacopeia (USP) Reference Standard	1448640-15MG
✓ Moxifloxacin Related Compound E, United States Pharmacopeia (USP) Reference Standard	1448655-25MG
Moxonidine, European Pharmacopoeia (EP) Reference Standard	Y0000226
Moxonidine impurity A,, European Pharmacopoeia (EP) Reference Standard	Y0000222
Mumps vaccine (live) BRP, European Pharmacopoeia (EP)	M3600000
✓ Mupirocin, United States Pharmacopeia (USP) Reference Standard	1448901-50MG
✓ Mupirocin calcium, United States Pharmacopeia (USP) Reference Standard	1448912-200MG
Mupirocin calcium - reference spectrum, European Pharmacopoeia (EP)	M3805500
✓ Mupirocin lithium, United States Pharmacopeia (USP) Reference Standard	1448923-100MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Mupirocin lithium, European Pharmacopoeia (EP) Reference Standard	M3806000
Mupirocin - reference spectrum, European Pharmacopoeia (EP)	M3805000
✓ Mycophenolate mofetil, United States Pharmacopeia (USP) Reference Standard	1448956-200MG
Mycophenolate mofetil, European Pharmacopoeia (EP) Reference Standard	Y0000489
Mycophenolate mofetil for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000519
✓ Mycophenolate Mofetil Related Compound A, United States Pharmacopeia (USP) Reference Standard	1448967-15MG
✓ Mycophenolate Mofetil Related Compound B, United States Pharmacopeia (USP) Reference Standard	1448978-15MG
✓ Mycophenolate sodium, United States Pharmacopeia (USP) Reference Standard	1448989-200MG
Mycoplasma synoviae, BRP, European Pharmacopoeia (EP) Reference Standard	Y0000689
✓ Myristic acid, United States Pharmacopeia (USP) Reference Standard	1448990-200MG
✓ Myristyl alcohol, United States Pharmacopeia (USP) Reference Standard	1449008-1G
Nabumetone, European Pharmacopoeia (EP) Reference Standard	N0020000
✓ Nabumetone, United States Pharmacopeia (USP) Reference Standard	1449518-200MG
Nabumetone impurity D, European Pharmacopoeia (EP) Reference Standard	N0020020
Nabumetone impurity F, European Pharmacopoeia (EP) Reference Standard	N0020030
✓ Nabumetone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1449530-15MG
Nadolol, European Pharmacopoeia (EP) Reference Standard	Y0000146
✓ Nadolol, United States Pharmacopeia (USP) Reference Standard	1449700-200MG
Nadolol impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001215
Nadroparin calcium, European Pharmacopoeia (EP) Reference Standard	N0025000
✓ Nafcillin sodium, United States Pharmacopeia (USP) Reference Standard	1450007-200MG
Naftidrofuryl impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000120
Naftidrofuryl impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000121
Naftidrofuryl impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000331
Naftidrofuryl - reference spectrum, European Pharmacopoeia (EP)	Y0000077
✓ Naftifine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1450404-200MG
✓ Nalidixic acid, United States Pharmacopeia (USP) Reference Standard	1451000-200MG
Nalidixic acid, European Pharmacopoeia (EP) Reference Standard	N0050000
✓ Nalorphine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1452002-250MG
✓ Naloxone, United States Pharmacopeia (USP) Reference Standard	1453005-125MG
Naloxone hydrochloride dihydrate, European Pharmacopoeia (EP) Reference Standard	N0075000
Naloxone for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000695
✓ Naltrexone, United States Pharmacopeia (USP) Reference Standard	1453504-200MG
Naltrexone hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000400
Naltrexone impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000410

* Name	Catalog Number
✓ Naltrexone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1453526-30MG
✓ Nandrolone, United States Pharmacopeia (USP) Reference Standard	1454008-50MG
✓ Nandrolone decanoate, United States Pharmacopeia (USP) Reference Standard	1455000-250MG
✓ Nandrolone phenpropionate, United States Pharmacopeia (USP) Reference Standard	1456003-250MG
Naphazoline hydrochloride, European Pharmacopoeia (EP) Reference Standard	N0080000
Naphazoline nitrate, European Pharmacopoeia (EP) Reference Standard	N0100000
✓ Naphazoline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1457006-200MG
Naphazoline impurity A, European Pharmacopoeia (EP) Reference Standard	N0200000
✓ Naphazoline Related Compound A, United States Pharmacopeia (USP) Reference Standard	1457017-30MG
✓ Naphthalene, United States Pharmacopeia (USP) Reference Standard	1457083-200MG
Naproxen, European Pharmacopoeia (EP) Reference Standard	N0250000
✓ Naproxen, United States Pharmacopeia (USP) Reference Standard	1457301-200MG
✓ Naproxen sodium, United States Pharmacopeia (USP) Reference Standard	1457403-200MG
Naproxen impurity L, European Pharmacopoeia (EP) Reference Standard	Y0000631
Naproxen (racemic)	Y0000399
✓ Naproxen Related Compound A, United States Pharmacopeia (USP) Reference Standard	1457312-20MG
✓ Naproxen Related Compound L, United States Pharmacopeia (USP) Reference Standard	1457425-15MG
✓ Narasin, United States Pharmacopeia (USP) Reference Standard	1457458-125MG
✓ Naratriptan hydrochloride, United States Pharmacopeia (USP) Reference Standard	1457469-125MG
✓ Naratriptan Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1457491-20MG
Naringin, European Pharmacopoeia (EP) Reference Standard	Y0001378
✓ Natamycin, United States Pharmacopeia (USP) Reference Standard	1457505-200MG
✓ Nateglinide, United States Pharmacopeia (USP) Reference Standard	1457607-200MG
Nateglinide, European Pharmacopoeia (EP) Reference Standard	Y0001437
Nateglinide impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001440
Nateglinide impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001441
✓ Nateglinide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1457618-10MG
✓ Nateglinide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1457629-10MG
✓ Nateglinide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1457630-5MG
✓ Native Gymnema Extract, United States Pharmacopeia (USP) Reference Standard	1302258-1G
Neamine, European Pharmacopoeia (EP) Reference Standard	N0300000
✓ Near IR System Suitability, United States Pharmacopeia (USP) Reference Standard	1457844-1EA
✓ Nebivolol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1457855-30MG
✓ Nebivolol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1457866-30MG
✓ Nebivolol Related Compound E	1457899-30MG
✓ Nefazodone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1457902-200MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Nefazodone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1457913-25MG
✓ Nefazodone Related Compound B, United States Pharmacopeia (USP) Reference Standard	1457924-25MG
✓ Nelfinavir mesylate, United States Pharmacopeia (USP) Reference Standard	1457968-200MG
✓ Nelfinavir Related Compound A, United States Pharmacopeia (USP) Reference Standard	1457979-15MG
✓ Nelfinavir Related Compound E, United States Pharmacopeia (USP) Reference Standard	1457957-50MG
✓ Neohesperidin dihydrochalcone, United States Pharmacopeia (USP) Reference Standard	1458053-100MG
Neohesperidin dihydrochalcone, European Pharmacopoeia (EP) Reference Standard	N0399000
Neohesperidin dihydrochalcone impurity B, European Pharmacopoeia (EP) Reference Standard	N0399004
✓ Neomycin sulfate, United States Pharmacopeia (USP) Reference Standard	1458009-200MG
Neomycin sulfate, for microbiological assay, European Pharmacopoeia (EP) Reference Standard	N0401000
Neomycin sulphate, European Pharmacopoeia (EP) Reference Standard	N0400000
Neostigmine bromide, European Pharmacopoeia (EP) Reference Standard	N0500000
✓ Neostigmine bromide, United States Pharmacopeia (USP) Reference Standard	1459001-200MG
Neostigmine methyl sulfate, European Pharmacopoeia (EP) Reference Standard	N0550000
✓ Neostigmine methyl sulfate, United States Pharmacopeia (USP) Reference Standard	1460000-200MG
✓ Neotame, United States Pharmacopeia (USP) Reference Standard	1460204-200MG
✓ Neotame Related Compound A, United States Pharmacopeia (USP) Reference Standard	1460215-15MG
✓ Nettleimicin sulfate, United States Pharmacopeia (USP) Reference Standard	1460500-500MG
Nevirapine hemihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001499
✓ Nevirapine hemihydrate, United States Pharmacopeia (USP) Reference Standard	1460714-100MG
Nevirapine (anhydrous), European Pharmacopoeia (EP) Reference Standard	Y0000520
✓ Nevirapine anhydrous, United States Pharmacopeia (USP) Reference Standard	1460703-100MG
Nevirapine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000521
✓ Nevirapine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1460725-15MG
✓ Nevirapine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1460736-10MG
✓ Nevirapine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1460747-15MG
Newcastle Disease Vaccine (inactivated), BRP	Y0000388
✓ Niacin, United States Pharmacopeia (USP) Reference Standard	1461003-200MG
✓ Niacinamide, United States Pharmacopeia (USP) Reference Standard	1462006-500MG
✓ Nicardipine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1463224-200MG
Nicergoline, European Pharmacopoeia (EP) Reference Standard	Y0001373
Nicergoline for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001362
Nicergoline for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001352
Nicergoline impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001356
Niclosamide (anhydrous), European Pharmacopoeia (EP) Reference Standard	N0560000

* Name	Catalog Number
Nicorandil, European Pharmacopoeia (EP) Reference Standard	Y0001761
Nicorandil impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001762
Nicotinamide, European Pharmacopoeia (EP) Reference Standard	N0600000
✓ Nicotine bitartrate dihydrate, United States Pharmacopeia (USP) Reference Standard	1463304-500MG 1463304-400MG
Nicotine ditartrate, European Pharmacopoeia (EP) Reference Standard	N0590200
Nicotine ditartrate dihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001425
Nicotine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001023
Nicotine - reference spectrum, European Pharmacopoeia (EP)	N0590000
✓ Nicotine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1463326-20MG
✓ Nicotine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1463337-20MG
✓ Nicotine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1463348-20MG
✓ Nicotine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1463359-20MG
✓ Nicotine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1463360-20MG
✓ Nicotine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1463371-20MG
✓ Nicotine Related Compound G, United States Pharmacopeia (USP) Reference Standard	1463382-20MG
Nicotinic acid, European Pharmacopoeia (EP) Reference Standard	N0700000
Nicotinic acid impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001268
✓ Nifedipine, United States Pharmacopeia (USP) Reference Standard	1463508-125MG
Nifedipine, European Pharmacopoeia (EP) Reference Standard	N0750000
Nifedipine impurity A, European Pharmacopoeia (EP) Reference Standard	N0750010
Nifedipine impurity B, European Pharmacopoeia (EP) Reference Standard	N0750015
✓ Nifedipine Nitrophenylpyridine Analog, United States Pharmacopeia (USP) Reference Standard	1463600-25MG
✓ Nifedipine Nitrosophenylpyridine Analog, United States Pharmacopeia (USP) Reference Standard	1463701-25MG
Niflumic acid, European Pharmacopoeia (EP) Reference Standard	Y0000824
Niflumic acid impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000825
Niflumic acid impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000826
Niflumic acid impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000827
Nifuroxazide, European Pharmacopoeia (EP) Reference Standard	Y0000836
Nikethamide, European Pharmacopoeia (EP) Reference Standard	N0800000
Nilutamide, European Pharmacopoeia (EP) Reference Standard	Y0000829
Nilutamide impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000894
Nimesulide, European Pharmacopoeia (EP) Reference Standard	N0845000
Nimesulide for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001237
Nimesulide impurity D, European Pharmacopoeia (EP) Reference Standard	N0845008
✓ Nimodipine, United States Pharmacopeia (USP) Reference Standard	1463858-125MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Nimodipine, European Pharmacopoeia (EP) Reference Standard	N0850000
Nimodipine impurity A, European Pharmacopoeia (EP) Reference Standard	N0850010
✓ Nimodipine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1463870-50MG
✓ Nimodipine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1463869-50MG
✓ Nitazoxanide, United States Pharmacopeia (USP) Reference Standard	1463960-200MG
✓ Nitazoxanide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1463971-25MG
Nitrazepam, European Pharmacopoeia (EP) Reference Standard	N0900000-100MG N0900000
Nitrendipine, European Pharmacopoeia (EP) Reference Standard	N0905000
Nitrendipine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001456
Nitrendipine impurity A, European Pharmacopoeia (EP) Reference Standard	N0905005
Nitric oxide - reference spectrum, European Pharmacopoeia (EP)	N0930000
✓ Nitrotriacetic acid, United States Pharmacopeia (USP) Reference Standard	1463950-50MG
Nitrofurural, European Pharmacopoeia (EP) Reference Standard	N0950000
Nitrofurural for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001377
Nitrofurural impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001570
✓ Nitrofurantoin, United States Pharmacopeia (USP) Reference Standard	1464001-500MG
✓ Nitrofurantoin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1021703-20MG
✓ Nitrofurazone, United States Pharmacopeia (USP) Reference Standard	1465004-200MG
✓ Nitrofurazone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1466007-500MG
✓ Nitrofurural diacetate, United States Pharmacopeia (USP) Reference Standard	1465503-100MG
Nitrosotriaminopyrimidine, European Pharmacopoeia (EP) Reference Standard	N1000000
Nizatidine, European Pharmacopoeia (EP) Reference Standard	N1090000
✓ Nizatidine, United States Pharmacopeia (USP) Reference Standard	1467804-200MG
Nizatidine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001278
Nizatidine impurity F, European Pharmacopoeia (EP) Reference Standard	N1090060
Nomegestrol acetate, European Pharmacopoeia (EP) Reference Standard	N1080000
Nomegestrol acetate impurity A, European Pharmacopoeia (EP) Reference Standard	N1080005
1-Nonadecanol, European Pharmacopoeia (EP) Reference Standard	Y0001314
Nonoxinol 9, European Pharmacopoeia (EP) Reference Standard	Y0000755
✓ Nonoxynol 9, United States Pharmacopeia (USP) Reference Standard	1467950-0.5ML
✓ Nonoxynol 10, United States Pharmacopeia (USP) Reference Standard	1468002-200MG
Noradrenaline tartrate, European Pharmacopoeia (EP) Reference Standard	N1100000
Noradrenaline impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000681
Noradrenaline impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000682
Noradrenaline impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000686

* Name	Catalog Number
Norcyclobenzaprine, European Pharmacopoeia (EP) Reference Standard	N1130000
✓ Nordazepam, United States Pharmacopeia (USP) Reference Standard	1468400-50MG
✓ Norelgestromin, United States Pharmacopeia (USP) Reference Standard	1468454-200MG
✓ Norelgestromin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1468465-15MG
✓ Norepinephrine bitartrate, United States Pharmacopeia (USP) Reference Standard	1468501-125MG
✓ Norethindrone, United States Pharmacopeia (USP) Reference Standard	1469005-200MG
✓ Norethindrone acetate, United States Pharmacopeia (USP) Reference Standard	1470004-100MG
Norethisterone, European Pharmacopoeia (EP) Reference Standard	N1200000
Norethisterone acetate, European Pharmacopoeia (EP) Reference Standard	N1225000
Norethisterone acetate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001532
Norethisterone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000522
Norfloxacin, European Pharmacopoeia (EP) Reference Standard	N1230000
✓ Norfloxacin, United States Pharmacopeia (USP) Reference Standard	1471506-200MG
Norfloxacin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001301
Norfloxacin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001015
Norfloxacin impurity A, European Pharmacopoeia (EP) Reference Standard	N1230010
✓ Norfloxacin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1471517-15MG
✓ Norfloxacin Related Compound E, United States Pharmacopeia (USP) Reference Standard	1471550-15MG
✓ Norfloxacin Related Compound H, United States Pharmacopeia (USP) Reference Standard	1471583-15MG
✓ Norfloxacin Related Compound K, United States Pharmacopeia (USP) Reference Standard	1471619-15MG
Norflurane - reference spectrum, European Pharmacopoeia (EP)	Y0001609
Norgestimate, European Pharmacopoeia (EP) Reference Standard	Y0000724
✓ Norgestimate, United States Pharmacopeia (USP) Reference Standard	1471914-200MG
Norgestimate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000725
✓ Norgestimate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1471925-25MG
✓ Norgestrel, United States Pharmacopeia (USP) Reference Standard	1472000-125MG
Norgestrel, European Pharmacopoeia (EP) Reference Standard	N1250000
✓ Noroxymorphone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1473002-50MG
✓ Norphenylephrine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1473206-25MG
Norpseudoephedrine hydrochloride, European Pharmacopoeia (EP) Reference Standard	N1279000
✓ Nortriptyline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1474005-200MG
Nortriptyline hydrochloride, European Pharmacopoeia (EP) Reference Standard	N1280000
Nortriptyline for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001296
Noscapine, European Pharmacopoeia (EP) Reference Standard	N1300000
✓ Noscapine, United States Pharmacopeia (USP) Reference Standard	1474504-100MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Novobiocin, United States Pharmacopeia (USP) Reference Standard	1475008-200MG
✓ Nystatin, United States Pharmacopeia (USP) Reference Standard	1477003-200MG
Nystatin, European Pharmacopoeia (EP) Reference Standard	N1400000
✓ Octinoxate, United States Pharmacopeia (USP) Reference Standard	1477900-500MG
✓ Octisalate, United States Pharmacopeia (USP) Reference Standard	1477943-400MG
✓ Octocrylene, United States Pharmacopeia (USP) Reference Standard	1477411-500MG
Octoxinol 10, European Pharmacopoeia (EP) Reference Standard	O0100900
✓ Octoxynol 9, United States Pharmacopeia (USP) Reference Standard	1477502-200MG
✓ Octreotide acetate, United States Pharmacopeia (USP) Reference Standard	1477604-4.37MG
✓ Octreotide Non-Cyclic System Suitability Marker, United States Pharmacopeia (USP) Reference Standard	1477615-20MG
Octylododecanol, European Pharmacopoeia (EP) Reference Standard	O0101000
✓ Octylododecanol, United States Pharmacopeia (USP) Reference Standard	1477808-200MG
Octyl gallate, European Pharmacopoeia (EP) Reference Standard	Y0000368
✓ Ofloxacin, United States Pharmacopeia (USP) Reference Standard	1478108-200MG
Ofloxacin, European Pharmacopoeia (EP) Reference Standard	O0120000
✓ R-Ofloxacin, United States Pharmacopeia (USP) Reference Standard	1478083-25MG
Ofloxacin impurity A, European Pharmacopoeia (EP) Reference Standard	O0120010
Ofloxacin impurity E, European Pharmacopoeia (EP) Reference Standard	O0120050
✓ Ofloxacin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1478119-25MG
✓ Olanzapine, United States Pharmacopeia (USP) Reference Standard	1478301-200MG
Olanzapine, European Pharmacopoeia (EP) Reference Standard	Y0001370
Olanzapine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001380
Olanzapine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001392
✓ Olanzapine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1478312-20MG 1478312-15MG
✓ Olanzapine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1478323-15MG
✓ Olanzapine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1478334-5MG
Oleanolic acid, European Pharmacopoeia (EP) Reference Standard	Y0001204
Oleic acid, European Pharmacopoeia (EP) Reference Standard	Y0001479
✓ Oleic acid, United States Pharmacopeia (USP) Reference Standard	1478130-1G
✓ Oleoyl polyoxyglycerides, United States Pharmacopeia (USP) Reference Standard	1478152-100MG
Oleuropein, European Pharmacopoeia (EP) Reference Standard	Y0000805
✓ Oleyl alcohol, United States Pharmacopeia (USP) Reference Standard	1478185-5X50MG
✓ Oleyl oleate, United States Pharmacopeia (USP) Reference Standard	1478200-0.5ML
✓ Oligosaccharide System Suitability Mixture A, United States Pharmacopeia (USP) Reference Standard	1478210-20UG
✓ Oligosaccharide System Suitability Mixture B, United States Pharmacopeia (USP) Reference Standard	1478221-20UG

* Name	Catalog Number
✓ Oligosaccharide System Suitability Mixture C, United States Pharmacopeia (USP) Reference Standard	1478232-20UG
✓ Oligosaccharide System Suitability Mixture D, United States Pharmacopeia (USP) Reference Standard	1478243-20UG
✓ Olive oil, United States Pharmacopeia (USP) Reference Standard	1478254-1G
Olmesartan medoxomil, European Pharmacopoeia (EP) Reference Standard	Y0001405
✓ Olmesartan medoxomil, United States Pharmacopeia (USP) Reference Standard	1478367-100MG
Olmesartan medoxomil for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001424
✓ Olmesartan medoxomil Related Compound A, United States Pharmacopeia (USP) Reference Standard	1478378-20MG
✓ Olopatadine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1478403-150MG
✓ Olopatadine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1478425-35MG
✓ Olopatadine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1478436-35MG
Olisalazine sodium, European Pharmacopoeia (EP) Reference Standard	O0146000
Olisalazine sodium for performance test, European Pharmacopoeia (EP) Reference Standard	O0146010
✓ Omeprazole, United States Pharmacopeia (USP) Reference Standard	1478505-200MG
Omeprazole, European Pharmacopoeia (EP) Reference Standard	O0150000
✓ R-Omeprazole, United States Pharmacopeia (USP) Reference Standard	1478479-15MG
Omeprazole for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001042
Omeprazole impurity D, European Pharmacopoeia (EP) Reference Standard	O0151000
Omeprazole magnesium, European Pharmacopoeia (EP) Reference Standard	Y0001043
✓ Omeprazole magnesium, United States Pharmacopeia (USP) Reference Standard	1478549-10MG
✓ Omeprazole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1478516-15MG
✓ Omeprazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1478480-15MG
✓ Omeprazole Related Compound E, United States Pharmacopeia (USP) Reference Standard	1478527-15MG
✓ Omeprazole Related Compound I, United States Pharmacopeia (USP) Reference Standard	1478561-15MG
✓ Omeprazole Related Compound F and G mixture, United States Pharmacopeia (USP) Reference Standard	1478491-25MG
✓ Ondansetron, United States Pharmacopeia (USP) Reference Standard	1478571-300MG
Ondansetron hydrochloride dihydrate, European Pharmacopoeia (EP) Reference Standard	Y0000218
Ondansetron for LC system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000197
Ondansetron for TLC system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000196
✓ Ondansetron hydrochloride, United States Pharmacopeia (USP) Reference Standard	1478582-300MG
Ondansetron impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001345
Ondansetron impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000195
Ondansetron impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001326
Ondansetron impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001320
Ondansetron impurity G, European Pharmacopoeia (EP) Reference Standard	Y0001346
✓ Ondansetron Related Compound A, United States Pharmacopeia (USP) Reference Standard	1478593-50MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Ondansetron Related Compound C, United States Pharmacopeia (USP) Reference Standard	1478618-30MG
✓ Ondansetron Related Compound D, United States Pharmacopeia (USP) Reference Standard	1478629-30MG
✓ Ondansetron Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1478630-50MG
✓ Ononin, United States Pharmacopeia (USP) Reference Standard	1478651-50MG
✓ Open Ring Aztreonam, United States Pharmacopeia (USP) Reference Standard	1046409-10MG
✓ Orbifloxacin, United States Pharmacopeia (USP) Reference Standard	1478673-350MG
Orbifloxacin, European Pharmacopoeia (EP) Reference Standard	Y0001125
Orbifloxacin impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001147
Orciprenaline for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000895
Orciprenaline sulfate, European Pharmacopoeia (EP) Reference Standard	O0180000
Orientvine stem HRS, European Pharmacopoeia (EP) Reference Standard	Y0001501
✓ Orlistat, United States Pharmacopeia (USP) Reference Standard	1478800-200MG
✓ Orlistat Related Compound A, United States Pharmacopeia (USP) Reference Standard	1478811-25MG
✓ Orlistat Related Compound B, United States Pharmacopeia (USP) Reference Standard	1478822-15MG
✓ Orlistat Related Compound C, United States Pharmacopeia (USP) Reference Standard	1478833-25MG
✓ Orlistat Related Compound D, United States Pharmacopeia (USP) Reference Standard	1478844-10MG
✓ Orlistat Related Compound E, United States Pharmacopeia (USP) Reference Standard	1478855-10MG
✓ Ormeloxifene hydrochloride, United States Pharmacopeia (USP) Reference Standard	1478742-200MG
✓ <i>cis</i> -Ormeloxifene hydrochloride, United States Pharmacopeia (USP) Reference Standard	1478731-25MG
✓ Orphenadrine citrate salt, United States Pharmacopeia (USP) Reference Standard	1479009-200MG
Orphenadrine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000100
Orphenadrine citrate, European Pharmacopoeia (EP) Reference Standard	Y0000101
Orphenadrine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001181
Orphenadrine impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000102
✓ Orphenadrine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1479010-50MG
✓ Orphenadrine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1479020-20MG
✓ Orphenadrine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1479031-20MG
✓ Orphenadrine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1479053-50MG
✓ Orphenadrine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1479064-50MG
Oseltamivir impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001338
Oseltamivir impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001339
Oseltamivir impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001340
Oseltamivir impurity H, European Pharmacopoeia (EP) Reference Standard	Y0001341
✓ Oseltamivir phosphate, United States Pharmacopeia (USP) Reference Standard	1479304-200MG
Oseltamivir phosphate (impurity B free), European Pharmacopoeia (EP) Reference Standard	Y0001337

* Name	Catalog Number
✓ Oseltamivir Related Compound A, United States Pharmacopeia (USP) Reference Standard	1479315-10MG
Osthole, European Pharmacopoeia (EP) Reference Standard	Y0001207
Ouabain, European Pharmacopoeia (EP) Reference Standard	O0200000
✓ Oversulfated Chondroitin Sulfate, United States Pharmacopeia (USP) Reference Standard	1133580-10MG
Oxacillin sodium monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000638
Oxacillin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000560
✓ Oxacillin Related Compound C, United States Pharmacopeia (USP) Reference Standard	1481044-15MG
✓ Oxacillin sodium, United States Pharmacopeia (USP) Reference Standard	1481000-200MG
Oxaliplatin, European Pharmacopoeia (EP) Reference Standard	Y0000271
✓ Oxaliplatin, United States Pharmacopeia (USP) Reference Standard	1481204-125MG
Oxaliplatin impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000272
Oxaliplatin impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000273
Oxaliplatin impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000274
✓ Oxaliplatin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1481215-100MG
✓ Oxaliplatin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1481226-15MG
✓ Oxaliplatin Related Compound C, United States Pharmacopeia (USP) Reference Standard	1481237-20MG
✓ Oxaliplatin Related Compound D, United States Pharmacopeia (USP) Reference Standard	1481248-10MG
✓ Oxaliplatin Related Compound F, United States Pharmacopeia (USP) Reference Standard	1481260-25MG
✓ Oxaliplatin System Suitability, United States Pharmacopeia (USP) Reference Standard	1481306-25MG
✓ Oxandrolone	1482003-50MG
✓ Oxandrolone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1482014-20MG
✓ Oxandrolone Related Compound B, United States Pharmacopeia (USP) Reference Standard	1482025-20MG
✓ Oxandrolone Related Compound C	1482036-20MG
✓ Oxaprozin, United States Pharmacopeia (USP) Reference Standard	1482207-200MG
Oxazepam, European Pharmacopoeia (EP) Reference Standard	O0225000-50MG O0225000
✓ Oxazepam Related Compound A, United States Pharmacopeia (USP) Reference Standard	1483017-15MG
✓ Oxazepam Related Compound B, United States Pharmacopeia (USP) Reference Standard	1483028-15MG
✓ Oxazepam Related Compound C, United States Pharmacopeia (USP) Reference Standard	1483039-15MG
✓ Oxcarbazepine, United States Pharmacopeia (USP) Reference Standard	1483152-100MG
Oxcarbazepine, European Pharmacopoeia (EP) Reference Standard	Y0001576
Oxcarbazepine impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001549
✓ Oxcarbazepine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1483163-10MG
✓ Oxcarbazepine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1483174-10MG
✓ Oxcarbazepine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1483185-10MG
✓ Oxcarbazepine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1483196-10MG
✓ Oxcarbazepine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1483200-10MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Oxeladin hydrogen citrate, European Pharmacopoeia (EP) Reference Standard	Y0000350
Oxeladin impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000404
Oxeladin impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000390
Oxfendazole, European Pharmacopoeia (EP) Reference Standard	O0225800
✓ Oxfendazole, United States Pharmacopeia (USP) Reference Standard	1483301-200MG
Oxfendazole impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000224
Oxfendazole with impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000225
Oxibendazole, European Pharmacopoeia (EP) Reference Standard	O0260000
✓ Oxiconazole nitrate, United States Pharmacopeia (USP) Reference Standard	1483425-200MG
Oxitropium bromide, European Pharmacopoeia (EP) Reference Standard	Y0000709
Oxitropium bromide impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000715
Oxolinic acid, European Pharmacopoeia (EP) Reference Standard	O0240000
Oxolinic acid impurity A, European Pharmacopoeia (EP) Reference Standard	O0240005
Oxolinic acid impurity B, European Pharmacopoeia (EP) Reference Standard	O0240010
Oxprenolol hydrochloride, European Pharmacopoeia (EP) Reference Standard	O0250000
✓ Oxprenolol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1483505-200MG
✓ Oxtriphylline, United States Pharmacopeia (USP) Reference Standard	1484009-500MG
✓ Oxybenzone, United States Pharmacopeia (USP) Reference Standard	1485001-150MG
Oxybuprocaine hydrochloride, European Pharmacopoeia (EP) Reference Standard	O0270000
Oxybutynin hydrochloride, European Pharmacopoeia (EP) Reference Standard	O0288000
✓ Oxybutynin chloride, United States Pharmacopeia (USP) Reference Standard	1485103-200MG
Oxybutynin impurity A, European Pharmacopoeia (EP) Reference Standard	O0288005
✓ Oxybutynin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1485114-100MG
✓ Oxybutynin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1485125-20MG
✓ Oxybutynin Related Compound C, United States Pharmacopeia (USP) Reference Standard	1485136-20MG
✓ Oxycodone, United States Pharmacopeia (USP) Reference Standard	1485191-200MG
Oxycodone hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000492-1EA Y0000492
✓ Oxycodone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1485205-1G
✓ Oxycodone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1485216-10MG
✓ Oxycodone Related Compound B, United States Pharmacopeia (USP) Reference Standard	1485227-15MG
✓ Oxycodone Related Compound C, United States Pharmacopeia (USP) Reference Standard	1485238-15MG
Oxymetazoline hydrochloride, European Pharmacopoeia (EP) Reference Standard	O0290000
✓ Oxymetazoline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1486004-200MG
Oxymetazoline impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001044
✓ Oxymetazoline Related Compound A, United States Pharmacopeia (USP) Reference Standard	1486015-15MG

* Name	Catalog Number
✓ Oxymetholone, United States Pharmacopeia (USP) Reference Standard	1487007-200MG
✓ Oxymorphone, United States Pharmacopeia (USP) Reference Standard	1488000-500MG
✓ Oxyquinoline sulfate, United States Pharmacopeia (USP) Reference Standard	1490103-200MG
✓ Oxytetracycline, United States Pharmacopeia (USP) Reference Standard	1491004-200MG
Oxytetracycline, European Pharmacopoeia (EP) Reference Standard	O0400000
✓ Oxytetracycline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1491015-200MG
Oxytetracycline hydrochloride, European Pharmacopoeia (EP) Reference Standard	O0500000
✓ Oxytocin, United States Pharmacopeia (USP) Reference Standard	1491300-5VL
Oxytocin, European Pharmacopoeia (EP) Reference Standard	O0700000
Oxytocin/Desmopressin validation mixture, European Pharmacopoeia (EP) Reference Standard	O0770000
✓ Oxytocin identification, United States Pharmacopeia (USP) Reference Standard	1491296-15MG
Paclitaxel, European Pharmacopoeia (EP) Reference Standard	Y0000698
✓ Paclitaxel, United States Pharmacopeia (USP) Reference Standard	1491332-200MG
Paclitaxel impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000699
✓ Paclitaxel impurity mixture, United States Pharmacopeia (USP) Reference Standard	1491365-10MG
Paclitaxel natural for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000700
✓ Paclitaxel Related Compound A, United States Pharmacopeia (USP) Reference Standard	1491343-20MG
✓ Paclitaxel Related Compound B, United States Pharmacopeia (USP) Reference Standard	1491354-20MG
Paclitaxel semi-synthetic for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000719
Paclitaxel semi-synthetic for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000739
✓ Padimate O, United States Pharmacopeia (USP) Reference Standard	1491503-300MG
✓ Paliperidone, United States Pharmacopeia (USP) Reference Standard	1491809-200MG
✓ Paliperidone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1491818-20MG
✓ Paliperidone Related Compound B, United States Pharmacopeia (USP) Reference Standard	1491820-20MG
✓ Paliperidone Related Compound C, United States Pharmacopeia (USP) Reference Standard	1491831-20MG
✓ Paliperidone Related Compound D, United States Pharmacopeia (USP) Reference Standard	1491842-20MG
✓ Paliperidone Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1491795-20MG
✓ Palmitic acid, United States Pharmacopeia (USP) Reference Standard	1492007-500MG
Palmitic acid, European Pharmacopoeia (EP) Reference Standard	P0090000
✓ Palm oil, United States Pharmacopeia (USP) Reference Standard	1492040-1G
✓ Palonosetron hydrochloride, United States Pharmacopeia (USP) Reference Standard	1492200-100MG
✓ Palonosetron Enantiomer, United States Pharmacopeia (USP) Reference Standard	1492211-15MG
✓ Palonosetron Related Compound A, United States Pharmacopeia (USP) Reference Standard	1492222-15MG
✓ Palonosetron Related Compound B, United States Pharmacopeia (USP) Reference Standard	1492233-15MG
✓ Palonosetron Related Compound C, United States Pharmacopeia (USP) Reference Standard	1492244-15MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Palonosetron Related Compound D, United States Pharmacopeia (USP) Reference Standard	1492255-15MG
✓ Palonosetron Related Compound E, United States Pharmacopeia (USP) Reference Standard	1492266-15MG
Pamidronate disodium pentahydrate, European Pharmacopoeia (EP) Reference Standard	Y0000524
✓ Pamidronate disodium, United States Pharmacopeia (USP) Reference Standard	1492801-100MG
✓ Pamoic acid, United States Pharmacopeia (USP) Reference Standard	1493000-250MG
✓ Panax Notoginseng Root and Rhizome Dry Extract, United States Pharmacopeia (USP) Reference Standard	1291719-1G
Pancreas powder (amylase), BRP, European Pharmacopoeia (EP) Reference Standard	Y0001632
Pancreas powder (lipase), BRP, European Pharmacopoeia (EP) Reference Standard	Y0001631
Pancreas powder (protease) BRP, European Pharmacopoeia (EP) Reference Standard	P0200000
✓ Pancreatin amylase and protease, United States Pharmacopeia (USP) Reference Standard	1494057-2G
✓ Pancreatin lipase, United States Pharmacopeia (USP) Reference Standard	1494079-2G
Pancuronium bromide, European Pharmacopoeia (EP) Reference Standard	P0250000
✓ Pancuronium bromide, United States Pharmacopeia (USP) Reference Standard	1494217-200MG
Pancuronium bromide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000577
✓ Pancuronium bromide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1494228-15MG
✓ Pancuronium bromide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1494239-15MG
✓ Pancuronium bromide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1494240-15MG
✓ Panthenol, racemic, United States Pharmacopeia (USP) Reference Standard	1494501-200MG
✓ Pantolactone, United States Pharmacopeia (USP) Reference Standard	1494807-500MG
Pantoprazole sodium sesquihydrate, European Pharmacopoeia (EP) Reference Standard	Y0000835
Pantoprazole for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001001
✓ Pantoprazole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1494909-25MG
✓ Pantoprazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1494910-25MG
✓ Pantoprazole Related Compound C, United States Pharmacopeia (USP) Reference Standard	1494920-20MG
✓ Pantoprazole Related Compound E, United States Pharmacopeia (USP) Reference Standard	1494942-20MG
✓ Pantoprazole Related Compounds D and F Mixture, United States Pharmacopeia (USP) Reference Standard	1494931-20MG
✓ Pantoprazole sodium, United States Pharmacopeia (USP) Reference Standard	1494895-250MG
✓ Papain, United States Pharmacopeia (USP) Reference Standard	1495005-1G
Papaverine hydrochloride, European Pharmacopoeia (EP) Reference Standard	P0270000
✓ Papaverine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1496008-200MG
Paracetamol, European Pharmacopoeia (EP) Reference Standard	P0300000
✓ Parachlorophenol, United States Pharmacopeia (USP) Reference Standard	1496802-500MG
✓ Paraffin, United States Pharmacopeia (USP) Reference Standard	1496904-1G
Paraffin (hard), European Pharmacopoeia (EP) Reference Standard	Y0000780
Paraffin (liquid) - reference spectrum, European Pharmacopoeia (EP)	Y0000058

* Name	Catalog Number
Paraffin (White soft), European Pharmacopoeia (EP) Reference Standard	Y0000913
Paraffin (Yellow soft), European Pharmacopoeia (EP) Reference Standard	Y0000912
✓ Paramethadione, United States Pharmacopeia (USP) Reference Standard	1497000-500MG
✓ Parbendazole, United States Pharmacopeia (USP) Reference Standard	1498706-200MG
✓ Pargyline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1499006-200MG
✓ Paricalcitol, United States Pharmacopeia (USP) Reference Standard	1499403-10MG
✓ Paricalcitol solution, United States Pharmacopeia (USP) Reference Standard	1499414-3ML
Parnapar sodium, European Pharmacopoeia (EP) Reference Standard	P0305000
✓ Paromomycin sulfate, United States Pharmacopeia (USP) Reference Standard	1500003-125MG
✓ Paroxetine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1500218-350MG
Paroxetine hydrochloride hemihydrate, European Pharmacopoeia (EP) Reference Standard	Y0000281
Paroxetine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000630
Paroxetine hydrochloride (anhydrous), European Pharmacopoeia (EP) Reference Standard	Y0000578
Paroxetine hydrochloride (anhydrous) impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000579
Paroxetine hydrochloride (anhydrous) impurity H, European Pharmacopoeia (EP) Reference Standard	Y0000581
Paroxetine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000233
Paroxetine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000256
Paroxetine impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000580
✓ Paroxetine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1500230-15MG
✓ Paroxetine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1500240-15MG
✓ Paroxetine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1500251-10MG
✓ Paroxetine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1500273-10MG
✓ Paroxetine Related Compound G, ~21% povidone, United States Pharmacopeia (USP) Reference Standard	1500284-10MG
✓ Paroxetine Related Compound E Mixture, United States Pharmacopeia (USP) Reference Standard	1500262-25MG
✓ Paroxetine System Suitability Mixture A, United States Pharmacopeia (USP) Reference Standard	1500353-50MG
✓ Parthenolide, United States Pharmacopeia (USP) Reference Standard	1500400-25MG
✓ Partially-neutralized methacrylic acid and ethyl acrylate copolymer (1:1), United States Pharmacopeia (USP) Reference Standard	1396659-1G
✓ Particle Count Set, United States Pharmacopeia (USP) Reference Standard	1500502-1SET
✓ Peanut oil, United States Pharmacopeia (USP) Reference Standard	1500557-1G
Pefloxacin impurity B, European Pharmacopoeia (EP) Reference Standard	P0309020
Pefloxacin impurity C, European Pharmacopoeia (EP) Reference Standard	P0309030
Pefloxacin mesilate dihydrate, European Pharmacopoeia (EP) Reference Standard	P0309000
✓ Pegfilgrastim for Bioassay, United States Pharmacopeia (USP) Reference Standard	1500626-1AMP
Pemetrexed disodium heptahydrate, European Pharmacopoeia (EP) Reference Standard	Y0001539
Pemetrexed for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001538

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Pemetrexed impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001535
Penbutolol impurity A, European Pharmacopoeia (EP) Reference Standard	P0307005
Penbutolol sulfate, European Pharmacopoeia (EP) Reference Standard	P0307000
✓ Penbutolol sulfate, United States Pharmacopeia (USP) Reference Standard	1500808-200MG
Penicillamine, European Pharmacopoeia (EP) Reference Standard	P0310000
✓ Penicillamine, United States Pharmacopeia (USP) Reference Standard	1501006-200MG
Penicillamine disulfide, European Pharmacopoeia (EP) Reference Standard	P0320000
✓ Penicillamine disulfide, United States Pharmacopeia (USP) Reference Standard	1501108-200MG
✓ Penicillin V, United States Pharmacopeia (USP) Reference Standard	1504489-200MG
✓ Penicillin G benzathine, United States Pharmacopeia (USP) Reference Standard	1502009-200MG
✓ Penicillin G potassium, United States Pharmacopeia (USP) Reference Standard	1502508-200MG
✓ Penicillin V potassium, United States Pharmacopeia (USP) Reference Standard	1504503-200MG
✓ Penicillin G procaine, United States Pharmacopeia (USP) Reference Standard	1502552-200MG
✓ Penicillin G sodium, United States Pharmacopeia (USP) Reference Standard	1502701-150MG
Pentamidine diisetonate, European Pharmacopoeia (EP) Reference Standard	P0405000
✓ Pentamidine isethionate, United States Pharmacopeia (USP) Reference Standard	1504900-200MG
✓ Pentane, United States Pharmacopeia (USP) Reference Standard	1504933-3X1.2ML
✓ 1-Pentanol, United States Pharmacopeia (USP) Reference Standard	1504955-3X1.2ML
✓ Pentazocine, United States Pharmacopeia (USP) Reference Standard	1505007-500MG
Pentazocine hydrochloride - reference spectrum, European Pharmacopoeia (EP)	P0405510
Pentazocine lactate - reference spectrum, European Pharmacopoeia (EP)	Y0000417
Pentazocine - reference spectrum, European Pharmacopoeia (EP)	P0405500
Pentetate sodium calcium, European Pharmacopoeia (EP) Reference Standard	Y0001051
✓ Pentetic acid, United States Pharmacopeia (USP) Reference Standard	1505506-100MG
✓ Pentobarbital, United States Pharmacopeia (USP) Reference Standard	1507002-200MG
✓ Pentoxifylline, United States Pharmacopeia (USP) Reference Standard	1508901-200MG
Pentoxifylline, European Pharmacopoeia (EP) Reference Standard	P0510000
Pentoxiverine hydrogen citrate - reference spectrum, European Pharmacopoeia (EP)	Y0000076
Pentoxiverine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000098
Pentoxiverine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000099
Pepsin, powder, European Pharmacopoeia (EP) Reference Standard	P0525000
✓ Pepsin for assay, United States Pharmacopeia (USP) Reference Standard	1510051-5X1G
✓ Perflubron, United States Pharmacopeia (USP) Reference Standard	1510801-0.5ML
Pergolide mesilate, European Pharmacopoeia (EP) Reference Standard	Y0000010
✓ Pergolide mesylate, United States Pharmacopeia (USP) Reference Standard	1510845-200MG

* Name	Catalog Number
✓ Pergolide sulfoxide, United States Pharmacopeia (USP) Reference Standard	1510867-50MG
Perindopril <i>tert</i> -butylamine, European Pharmacopoeia (EP) Reference Standard	Y0000238
✓ Perindopril erbumine, United States Pharmacopeia (USP) Reference Standard	1510889-100MG
Perindopril for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000771
Perindopril for stereochemical purity, European Pharmacopoeia (EP) Reference Standard	Y0000207
Perindopril impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000237
✓ Perindopril Related Compound A, United States Pharmacopeia (USP) Reference Standard	1510890-20MG
✓ Perindopril Related Compound B, United States Pharmacopeia (USP) Reference Standard	1510903-10MG
✓ Perindopril Related Compound C, United States Pharmacopeia (USP) Reference Standard	1510914-20MG
✓ Perindopril Related Compound D, United States Pharmacopeia (USP) Reference Standard	1510925-25MG
✓ Perindopril Related Compound E, United States Pharmacopeia (USP) Reference Standard	1510936-10MG
✓ Perindopril Related Compound F, United States Pharmacopeia (USP) Reference Standard	1510947-10MG
✓ Perindopril Related Compound K, United States Pharmacopeia (USP) Reference Standard	1510999-10MG
Permethrin (25:75), European Pharmacopoeia (EP) Reference Standard	Y0001733
Perphenazine, European Pharmacopoeia (EP) Reference Standard	P0550000
✓ Perphenazine, United States Pharmacopeia (USP) Reference Standard	1511000-200MG
Perphenazine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001045
✓ Perphenazine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1511021-15MG
✓ Perphenazine sulfoxide, United States Pharmacopeia (USP) Reference Standard	1511203-100MG
Pethidine hydrochloride - reference spectrum, European Pharmacopoeia (EP)	P0600000
Pethidine impurity A, European Pharmacopoeia (EP) Reference Standard	P0600002
✓ Phenacetin, United States Pharmacopeia (USP) Reference Standard	1513005-500MG
✓ Phenacetin Melting Point Standard, United States Pharmacopeia (USP) Reference Standard	1514008-1G
Phenazone, European Pharmacopoeia (EP) Reference Standard	P0800000
Phenazone impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001138
✓ Phenazopyridine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1515000-200MG
✓ Phencyclidine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1516003-25MG
✓ Phendimetrazine tartrate, United States Pharmacopeia (USP) Reference Standard	1516502-350MG
✓ Phenezine sulfate, United States Pharmacopeia (USP) Reference Standard	1517006-200MG
✓ Phenindione, United States Pharmacopeia (USP) Reference Standard	1522006-250MG
Pheniramine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001428
Pheniramine maleate, European Pharmacopoeia (EP) Reference Standard	P0850000
✓ Pheniramine maleate, United States Pharmacopeia (USP) Reference Standard	1522301-150MG
✓ Phenmetrazine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1523009-200MG
✓ Phenobarbital, United States Pharmacopeia (USP) Reference Standard	1524001-200MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Phenobarbital impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001350
Phenobarbital impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001351
✓ Phenol, United States Pharmacopeia (USP) Reference Standard	1524806-500MG
✓ Phenolphthalein, United States Pharmacopeia (USP) Reference Standard	1524908-250MG
✓ Phenothiazine, United States Pharmacopeia (USP) Reference Standard	1525707-500MG
✓ Phenoxybenzamine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1526007-250MG
✓ Phenoxyethanol, United States Pharmacopoeia (USP) Reference Standard	1526200-500MG
Phenoxyethanol, European Pharmacopoeia (EP) Reference Standard	P0950000
Phenoxyethylpenicillin, European Pharmacopoeia (EP) Reference Standard	P1000000
Phenoxyethylpenicillin potassium, European Pharmacopoeia (EP) Reference Standard	P1100000
✓ Phensuximide, United States Pharmacopeia (USP) Reference Standard	1528002-500MG
✓ Phentermine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1528501-200MG
✓ Phentolamine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1529005-300MG
Phentolamine mesilate, European Pharmacopoeia (EP) Reference Standard	Y0001127
Phentolamine mesilate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001251
Phentolamine mesilate - reference spectrum, European Pharmacopoeia (EP)	P1109000
✓ Phentolamine mesylate, United States Pharmacopeia (USP) Reference Standard	1530004-200MG
Phenylalanine, European Pharmacopoeia (EP) Reference Standard	P1150000
✓ L-Phenylalanine, United States Pharmacopeia (USP) Reference Standard	1530503-200MG
Phenylbutazone, European Pharmacopoeia (EP) Reference Standard	P1200000
✓ Phenylbutazone, United States Pharmacopeia (USP) Reference Standard	1531007-250MG
Phenylbutazone impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000147
✓ Phenylbutyrate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1614523-25MG
✓ Phenylbutyrate Related Compound B, United States Pharmacopeia (USP) Reference Standard	1614556-100MG
✓ Phenylbutyrate Related Compound C, United States Pharmacopeia (USP) Reference Standard	1614534-25MG
Phenylephrine, European Pharmacopoeia (EP) Reference Standard	P1240000
Phenylephrine hydrochloride, European Pharmacopoeia (EP) Reference Standard	P1250000
✓ Phenylephrine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1533002-200MG
✓ Phenylephrine bitartrate, United States Pharmacopeia (USP) Reference Standard	1532950-25MG
Phenylephrine hydrochloride for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000683
✓ Phenylephrine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1533024-30MG
✓ Phenylephrine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1533035-30MG
✓ Phenylephrine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1533046-30MG
✓ Phenylephrine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1533261-30MG
✓ Phenylephrine Related Compound G, United States Pharmacopeia (USP) Reference Standard	1533272-30MG

* Name	Catalog Number
✓ Phenylethyl alcohol, United States Pharmacopeia (USP) Reference Standard	1533250-1ML
✓ 5-Phenylhydantoin, United States Pharmacopeia (USP) Reference Standard	1533308-100MG
Phenylmercuric acetate - reference spectrum, European Pharmacopoeia (EP)	Y0000229
Phenylmercuric borate - reference spectrum, European Pharmacopoeia (EP)	P1255100
✓ Phenylpropanediol, United States Pharmacopeia (USP) Reference Standard	1533851-100MG
✓ Phenylpropanolamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1534005-250MG
✓ Phenylpropanolamine bitartrate, United States Pharmacopeia (USP) Reference Standard	1533909-100MG
✓ Phenyl salicylate melting point standard, approximately 41 degrees, United States Pharmacopeia (USP) Reference Standard	1534209-500MG
✓ Phenyltoloxamine citrate, United States Pharmacopeia (USP) Reference Standard	1534402-100MG
✓ Phenyltoloxamine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1534413-50MG
✓ Phenytoin, United States Pharmacopeia (USP) Reference Standard	1535008-200MG
Phenytoin, European Pharmacopoeia (EP) Reference Standard	P1290000
Phenytoin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001167
✓ Phenytoin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1535019-50MG
✓ Phenytoin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1535020-50MG
✓ Phenytoin sodium, United States Pharmacopeia (USP) Reference Standard	1535507-200MG
Phenytoin sodium, European Pharmacopoeia (EP) Reference Standard	P1300000
Phloroglucinol (anhydrous), European Pharmacopoeia (EP) Reference Standard	Y0000493
✓ Phosphated Riboflavin, United States Pharmacopeia (USP) Reference Standard	1535700-100MG
✓ Phosphatidic acid (Soy) Monosodium, United States Pharmacopeia (USP) Reference Standard	1535722-50MG
✓ Phosphatidylcholine, United States Pharmacopeia (USP) Reference Standard	1535733-350MG
✓ Phosphatidylcholine (Soy), United States Pharmacopeia (USP) Reference Standard	1535755-50MG
✓ Phosphatidylethanolamine, United States Pharmacopeia (USP) Reference Standard	1535744-100MG
✓ Phosphatidylethanolamine (Soy), United States Pharmacopeia (USP) Reference Standard	1535766-50MG
✓ Phosphatidylinositol (Soy) Sodium, United States Pharmacopeia (USP) Reference Standard	1535788-10MG
✓ Phosphoric acid, United States Pharmacopeia (USP) Reference Standard	1535802-3X1.5ML
✓ Phthalic acid, United States Pharmacopeia (USP) Reference Standard	1535899-50MG
Phthalic acid, European Pharmacopoeia (EP) Reference Standard	Y0000766
Phthalylsulfathiazole, European Pharmacopoeia (EP) Reference Standard	P1500000
✓ Phyllanthin, United States Pharmacopeia (USP) Reference Standard	1536509-15MG
Physostigmine salicylate, European Pharmacopoeia (EP) Reference Standard	P1600000
✓ Physostigmine salicylate, United States Pharmacopeia (USP) Reference Standard	1537003-200MG
✓ Phytic acid solution, United States Pharmacopeia (USP) Reference Standard	1537910-5ML
Phytomenadione, European Pharmacopoeia (EP) Reference Standard	P1609000
✓ Phytanadione, United States Pharmacopeia (USP) Reference Standard	1538006-500MG

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Picosulfate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001104
Picotamide monohydrate, European Pharmacopoeia (EP) Reference Standard	P1645000
Picotamide impurity A, European Pharmacopoeia (EP) Reference Standard	P1645005
Picrotin, European Pharmacopoeia (EP) Reference Standard	Y0001508
Picrotoxinin, European Pharmacopoeia (EP) Reference Standard	Y0001528
Pidolate impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000124
Pidolic acid, European Pharmacopoeia (EP) Reference Standard	Y0000123
✓ Pilocarpine, United States Pharmacopeia (USP) Reference Standard	1538505-300MG
✓ Pilocarpine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1538902-200MG
Pilocarpine hydrochloride, European Pharmacopoeia (EP) Reference Standard	P1650000
Pilocarpine nitrate, European Pharmacopoeia (EP) Reference Standard	P1700000
✓ Pilocarpine nitrate, United States Pharmacopeia (USP) Reference Standard	1539009-200MG
Pilocarpine nitrate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000106
Pimobendan, European Pharmacopoeia (EP) Reference Standard	Y0000525
Pimobendan for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000401
Pimozide, European Pharmacopoeia (EP) Reference Standard	P1750000
✓ Pimozide, United States Pharmacopeia (USP) Reference Standard	1539508-200MG
Pindolol, European Pharmacopoeia (EP) Reference Standard	P1800000
✓ Pindolol, United States Pharmacopeia (USP) Reference Standard	1539701-200MG
✓ Pioglitazone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1539905-100MG
Pioglitazone hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001520
Pioglitazone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001519
Pipemidic acid trihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001476
Pipemidic acid trihydrate - reference spectrum, European Pharmacopoeia (EP)	Y0000061
✓ Piperacetazine, United States Pharmacopeia (USP) Reference Standard	1541000-250MG
✓ Piperacillin, United States Pharmacopeia (USP) Reference Standard	1541500-350MG
Piperacillin, European Pharmacopoeia (EP) Reference Standard	P1890000
✓ Piperacillin Related Compound E, United States Pharmacopeia (USP) Reference Standard	1541529-25MG
✓ Piperazine, United States Pharmacopeia (USP) Reference Standard	1541601-200MG
✓ Piperazine dihydrochloride, United States Pharmacopeia (USP) Reference Standard	1541907-200MG
Piperazine adipate, European Pharmacopoeia (EP) Reference Standard	P1900000
✓ Piperazine adipate, United States Pharmacopeia (USP) Reference Standard	1541703-200MG
Piperazine citrate, European Pharmacopoeia (EP) Reference Standard	P2000000
✓ Piperazine citrate, United States Pharmacopeia (USP) Reference Standard	1541805-200MG
Piperazine hydrate, European Pharmacopoeia (EP) Reference Standard	P2100000

* Name	Catalog Number
✓ Piperazine phosphate, United States Pharmacopeia (USP) Reference Standard	1542003-200MG
✓ 3-(Piperazin-1-yl)benzo[d]isothiazole monohydrochloride, United States Pharmacopeia (USP) Reference Standard	1724419-10MG
✓ Piperidolate hydrochloride, United States Pharmacopeia (USP) Reference Standard	1543006-200MG
Piperine, European Pharmacopoeia (EP) Reference Standard	Y0001217
✓ Piperine, United States Pharmacopeia (USP) Reference Standard	1543200-20MG
Piracetam, European Pharmacopoeia (EP) Reference Standard	Y0000288
✓ Pirbuterol acetate, United States Pharmacopeia (USP) Reference Standard	1544304-200MG
Pirenzepine dihydrochloride monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000038
Piretanide, European Pharmacopoeia (EP) Reference Standard	P2120000
Piretanide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001458
Pirfenidone, European Pharmacopoeia (EP) Reference Standard	Y0001769
✓ Piroctone olamine, United States Pharmacopeia (USP) Reference Standard	1544406-200MG
✓ Piroctone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1544417-15MG
✓ Piroctone Related Compound B, United States Pharmacopeia (USP) Reference Standard	1544428-25MG
✓ Piroxicam, United States Pharmacopeia (USP) Reference Standard	1544508-125MG
Piroxicam, European Pharmacopoeia (EP) Reference Standard	P2130000
Piroxicam for system suitability	Y0001475
Pivmecillinam hydrochloride, European Pharmacopoeia (EP) Reference Standard	P2152000
Pivmecillinam impurity C, European Pharmacopoeia (EP) Reference Standard	P2152015
✓ Plastic additive 1, United States Pharmacopeia (USP) Reference Standard	1544927-100MG
Plastic additive 01, European Pharmacopoeia (EP) Reference Standard	P2155001
✓ Plastic additive 2, United States Pharmacopeia (USP) Reference Standard	1544938-200MG
✓ Plastic additive 3, United States Pharmacopeia (USP) Reference Standard	1544949-200MG
Plastic additive 03, European Pharmacopoeia (EP) Reference Standard	P2155003
✓ Plastic additive 4, United States Pharmacopeia (USP) Reference Standard	1544950-200MG
Plastic additive 04, European Pharmacopoeia (EP) Reference Standard	E0800000
✓ Plastic additive 5, United States Pharmacopeia (USP) Reference Standard	1544964-200MG
Plastic additive 05, European Pharmacopoeia (EP) Reference Standard	P2155005
✓ Plastic additive 6, United States Pharmacopeia (USP) Reference Standard	1544971-200MG
Plastic additive 08, European Pharmacopoeia (EP) Reference Standard	P2155008
✓ Plastic additive 8, United States Pharmacopeia (USP) Reference Standard	1544993-100MG
Plastic additive 09, European Pharmacopoeia (EP) Reference Standard	P2155009
✓ Plastic additive 9, United States Pharmacopeia (USP) Reference Standard	1545001-100MG
Plastic additive 10, European Pharmacopoeia (EP) Reference Standard	P2155010
✓ Plastic additive 10, United States Pharmacopeia (USP) Reference Standard	1545012-100MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Plastic additive 11, European Pharmacopoeia (EP) Reference Standard	P2155011
✓ Plastic additive 11, United States Pharmacopeia (USP) Reference Standard	1545023-100MG
Plastic additive 12, European Pharmacopoeia (EP) Reference Standard	P2155012
✓ Plastic additive 12, United States Pharmacopeia (USP) Reference Standard	1545034-100MG
Plastic additive 13, European Pharmacopoeia (EP) Reference Standard	P2155013
✓ Plastic additive 13, United States Pharmacopeia (USP) Reference Standard	1545045-100MG
Plastic additive 14, European Pharmacopoeia (EP) Reference Standard	P2155014
✓ Plastic additive 14, United States Pharmacopeia (USP) Reference Standard	1545056-100MG
✓ Plastic additive 15, United States Pharmacopeia (USP) Reference Standard	1545067-100MG
Plastic additive 15, European Pharmacopoeia (EP) Reference Standard	P2155015
Plastic additive 16, European Pharmacopoeia (EP) Reference Standard	P2155016
✓ Plastic additive 16, United States Pharmacopeia (USP) Reference Standard	1545078-100MG
Plastic additive 17, European Pharmacopoeia (EP) Reference Standard	P2155017
Plastic additive 18, European Pharmacopoeia (EP) Reference Standard	P2155018
Plastic additive 20, European Pharmacopoeia (EP) Reference Standard	O0140000
Plastic additive 21, European Pharmacopoeia (EP) Reference Standard	E1260000
Plastic additive 22, European Pharmacopoeia (EP) Reference Standard	P2155022
Plastic additive 23, European Pharmacopoeia (EP) Reference Standard	P2155023
✓ Polacrillex Resin, United States Pharmacopeia (USP) Reference Standard	1545409-100MG
✓ Polacrilin potassium, United States Pharmacopeia (USP) Reference Standard	1545500-200MG
✓ Poloxalene, United States Pharmacopeia (USP) Reference Standard	1546106-500MG
Poloxamer 124, European Pharmacopoeia (EP) Reference Standard	P2163920
Poloxamer 188, European Pharmacopoeia (EP) Reference Standard	P2164009
Poloxamer 237, European Pharmacopoeia (EP) Reference Standard	P2164020
Poloxamer 338, European Pharmacopoeia (EP) Reference Standard	P2164021
Poloxamer 407, European Pharmacopoeia (EP) Reference Standard	P2164030
✓ Poloxamer liquid, United States Pharmacopeia (USP) Reference Standard	1546150-1ML
✓ Poloxamer solid, United States Pharmacopeia (USP) Reference Standard	1546161-1G
Polyacrylate - reference spectrum, European Pharmacopoeia (EP)	P2170000
✓ Polyallylamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1372333-200MG
✓ Polydextrose, United States Pharmacopeia (USP) Reference Standard	1546285-200MG
✓ Polydimethylsiloxane, United States Pharmacopeia (USP) Reference Standard	1546300-500MG
✓ Polyethylene glycol 1000, United States Pharmacopeia (USP) Reference Standard	1546489-1G
✓ Polyethylene glycol 12000, United States Pharmacopeia (USP) Reference Standard	1546649-1G
✓ Polyethylene glycol 1500, United States Pharmacopeia (USP) Reference Standard	1546503-1G

* Name	Catalog Number
✓ Polyethylene glycol 200, United States Pharmacopeia (USP) Reference Standard	1546401-1G
✓ Polyethylene glycol 300, United States Pharmacopeia (USP) Reference Standard	1546423-1G
✓ Polyethylene glycol 3000, United States Pharmacopeia (USP) Reference Standard	1546525-1G
✓ Polyethylene glycol 3350, United States Pharmacopeia (USP) Reference Standard	1546547-1G
✓ Polyethylene glycol 35000, United States Pharmacopeia (USP) Reference Standard	1546660-1G
✓ Polyethylene glycol 400, United States Pharmacopeia (USP) Reference Standard	1546445-1G
✓ Polyethylene glycol 4000, United States Pharmacopeia (USP) Reference Standard	1546569-1G
✓ Polyethylene glycol 600, United States Pharmacopeia (USP) Reference Standard	1546467-1G
✓ Polyethylene glycol 6000, United States Pharmacopeia (USP) Reference Standard	1546580-1G
✓ Polyethylene glycol 8000, United States Pharmacopeia (USP) Reference Standard	1546605-1G
✓ Polyethylene oxide, United States Pharmacopeia (USP) Reference Standard	1546853-100MG
✓ Polyethylene terephthalate, United States Pharmacopeia (USP) Reference Standard	1546900-3STRIPS
✓ Polyethylene terephthalate G, United States Pharmacopeia (USP) Reference Standard	1546922-3STRIPS
✓ Polyglyceryl 3 diisostearate, United States Pharmacopeia (USP) Reference Standard	1546944-1ML
✓ Polyglyceryl 3 dioleate, United States Pharmacopeia (USP) Reference Standard	1546933-1G
✓ Polyglyceryl 6 dioleate, United States Pharmacopeia (USP) Reference Standard	1546955-1G
✓ Polyisobutylene, United States Pharmacopeia (USP) Reference Standard	1546966-1G
Polymyxin B sulfate, European Pharmacopoeia (EP) Reference Standard	P2400000
✓ Polymyxin B sulfate, United States Pharmacopeia (USP) Reference Standard	1547007-200MG
Polymyxin B sulfate for microbiological assay, European Pharmacopoeia (EP) Reference Standard	Y0000355
✓ Polyoxyl 100 stearate, United States Pharmacopeia (USP) Reference Standard	1547550-200MG
✓ Polyoxyl 35 castor oil, United States Pharmacopeia (USP) Reference Standard	1547200-1G
✓ Polyoxyl 20 cetostearyl ether, United States Pharmacopeia (USP) Reference Standard	1547801-100MG
✓ Polyoxyl 15 hydroxystearate, United States Pharmacopeia (USP) Reference Standard	1547255-500MG
✓ Polyoxyl lauryl ether, United States Pharmacopeia (USP) Reference Standard	1372402-500MG
✓ Polyoxyl 4 lauryl ether, United States Pharmacopeia (USP) Reference Standard	1372424-1ML
✓ Polyoxyl 23 lauryl ether, United States Pharmacopeia (USP) Reference Standard	1372468-0.5MG
✓ Polyoxyl oleate, United States Pharmacopeia (USP) Reference Standard	1372504-500MG
✓ Polyoxyl 10 oleyl ether, United States Pharmacopeia (USP) Reference Standard	1547302-1ML
✓ Polyoxyl 6 stearate, United States Pharmacopeia (USP) Reference Standard	1547379-200MG
✓ Polyoxyl 8 stearate, United States Pharmacopeia (USP) Reference Standard	1547380-200MG
✓ Polyoxyl 32 stearate, United States Pharmacopeia (USP) Reference Standard	1547391-200MG
✓ Polyoxyl 40 stearate, United States Pharmacopeia (USP) Reference Standard	1547903-200MG
✓ Polyoxyl 50 stearate, United States Pharmacopeia (USP) Reference Standard	1547404-200MG
✓ Polyoxyl 75 stearate, United States Pharmacopeia (USP) Reference Standard	1547459-200MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Polyoxyl 2 stearyl ether, United States Pharmacopeia (USP) Reference Standard	1547346-1G
✓ Polyoxyl 10 stearyl ether, United States Pharmacopeia (USP) Reference Standard	1372606-1G
✓ Polyoxyl 20 stearyl ether, United States Pharmacopeia (USP) Reference Standard	1547368-1G
Polyoxypropylene stearyl ether, EuropePharmacopoeia (EP) Reference Standard	Y0001712
✓ Polysorbate 20, United States Pharmacopeia (USP) Reference Standard	1547925-2G
✓ Polysorbate 40, United States Pharmacopeia (USP) Reference Standard	1546150-2G 1547936-2G
✓ Polysorbate 60, United States Pharmacopeia (USP) Reference Standard	1547947-2G
✓ Polysorbate 80, United States Pharmacopeia (USP) Reference Standard	1547969-2G
Polysorbate 20 - reference spectrum, European Pharmacopoeia (EP)	Y0000289
Polysorbate 40 - reference spectrum, European Pharmacopoeia (EP)	Y0000290
Polysorbate 60 - reference spectrum, European Pharmacopoeia (EP)	Y0000291
Polysorbate 80 - reference spectrum, European Pharmacopoeia (EP)	Y0000007
Poly(vinyl acetate), European Pharmacopoeia (EP) Reference Standard	Y0001557
✓ Polyvinyl acetate, United States Pharmacopeia (USP) Reference Standard	1548032-1G
✓ Polyvinyl acetate dispersion, United States Pharmacopeia (USP) Reference Standard	1548043-1G
Poly(vinyl acetate) dispersion 30 per cent, European Pharmacopoeia (EP) Reference Standard	Y0000792
✓ Polyvinyl alcohol, United States Pharmacopeia (USP) Reference Standard	1548065-100MG
Poly(vinyl alcohol), European Pharmacopoeia (EP) Reference Standard	Y0001550
Poly(vinyl chloride), European Pharmacopoeia (EP) Reference Standard	P2600000
✓ Polyvinyl chloride, United States Pharmacopeia (USP) Reference Standard	1548076-100MG
✓ Potassium acetate, United States Pharmacopeia (USP) Reference Standard	1549807-500MG
✓ Potassium benzoate, United States Pharmacopeia (USP) Reference Standard	1548101-1G
✓ Potassium bicarbonate, United States Pharmacopeia (USP) Reference Standard	1548134-1G
✓ Potassium bitartrate, United States Pharmacopeia (USP) Reference Standard	1549840-3G
✓ Potassium carbonate, United States Pharmacopeia (USP) Reference Standard	1548167-1G
✓ Potassium chloride, United States Pharmacopeia (USP) Reference Standard	1548190-1G
✓ Potassium citrate, United States Pharmacopeia (USP) Reference Standard	1548225-1G
Potassium clavulanate impurity G, European Pharmacopoeia (EP) Reference Standard	Y0001168
Potassium clavulanate - reference spectrum, European Pharmacopoeia (EP)	P2649610
✓ Potassium gluconate, United States Pharmacopeia (USP) Reference Standard	1550001-200MG
✓ Potassium guaiacolsulfonate, United States Pharmacopeia (USP) Reference Standard	1551004-500MG
Potassium hydrogen aspartate hemihydrate, European Pharmacopoeia (EP) Reference Standard	Y0000315
✓ Potassium iodide, United States Pharmacopeia (USP) Reference Standard	1548280-1G
✓ Potassium nitrate, United States Pharmacopeia (USP) Reference Standard	1548349-5G
✓ Potassium sodium tartrate, United States Pharmacopeia (USP) Reference Standard	1551140-2G

* Name	Catalog Number
✓ Potassium sorbate, United States Pharmacopeia (USP) Reference Standard	1548407-1G
Potassium sorbate, European Pharmacopoeia (EP) Reference Standard	P2650000
✓ Potassium sucrose octasulfate, United States Pharmacopeia (USP) Reference Standard	1551150-300MG
Potassium sucrose octasulfate, European Pharmacopoeia (EP) Reference Standard	Y0001275
✓ Potassium Trichloroamineplatinat, United States Pharmacopeia (USP) Reference Standard	1551300-25MG
✓ Povidone, United States Pharmacopeia (USP) Reference Standard	1551503-100MG
Povidone, European Pharmacopoeia (EP) Reference Standard	P2660000
Povidone (iodinated), European Pharmacopoeia (EP) Reference Standard	Y0000466
✓ Powdered American Ginseng Extract, United States Pharmacopeia (USP) Reference Standard	1291683-1.5G
✓ Powdered andrographis extract, United States Pharmacopeia (USP) Reference Standard	1034873-500MG
✓ Powdered ashwagandha extract, United States Pharmacopeia (USP) Reference Standard	1043309-1G
✓ Powdered Asian Ginseng Extract, United States Pharmacopeia (USP) Reference Standard	1291708-1.5G
✓ Powdered Bacopa Extract, United States Pharmacopeia (USP) Reference Standard	1048244-500MG
✓ Powdered Bilberry Extract, United States Pharmacopeia (USP) Reference Standard	1071268-500MG
✓ Powdered Black Cohosh Extract, United States Pharmacopeia (USP) Reference Standard	1076206-1.5G
✓ Powdered Black Pepper Extract, United States Pharmacopeia (USP) Reference Standard	1509019-1G
✓ Powdered Cat's Claw Extract, United States Pharmacopeia (USP) Reference Standard	1096848-1G
✓ Powdered Cellulose, United States Pharmacopeia (USP) Reference Standard	1098402-1G
✓ Powdered Centella Asiatica Extract, United States Pharmacopeia (USP) Reference Standard	1297770-1G
✓ Powdered Chaste Tree Extract, United States Pharmacopeia (USP) Reference Standard	1105009-1.5G
✓ Powdered Chinese Salvia Extract, United States Pharmacopeia (USP) Reference Standard	1105417-1G
✓ Powdered Decaffeinated Green Tea Extract, United States Pharmacopeia (USP) Reference Standard	1298401-300MG
✓ Powdered Echinacea Angustifolia Extract, United States Pharmacopeia (USP) Reference Standard	1231706-1G
✓ Powdered Echinacea Pallida Extract, United States Pharmacopeia (USP) Reference Standard	1231717-1G
✓ Powdered Echinacea Purpurea Extract, United States Pharmacopeia (USP) Reference Standard	1231728-1G
✓ Powdered Eleuthero Extract, United States Pharmacopeia (USP) Reference Standard	1234704-1.5G
✓ Powdered Forskohlii Extract, United States Pharmacopeia (USP) Reference Standard	1283255-500MG
✓ Powdered Garcinia Hydroxycitrate Extract, United States Pharmacopeia (USP) Reference Standard	1288340-500MG
✓ Powdered ginger, United States Pharmacopeia (USP) Reference Standard	1291504-500MG
✓ Powdered Holy Basil Extract, United States Pharmacopeia (USP) Reference Standard	1309911-1G
✓ Powdered kava extract, United States Pharmacopeia (USP) Reference Standard	1355709-1G
✓ Powdered Malabar-Nut-Tree, Leaf Extract, United States Pharmacopeia (USP) Reference Standard	1374383-1G
✓ Powdered milk thistle extract, United States Pharmacopeia (USP) Reference Standard	1443850-250MG
✓ Powdered Phyllanthus Amarus Extract, United States Pharmacopeia (USP) Reference Standard	1536510-1G
✓ Powdered Red Clover Extract, United States Pharmacopeia (USP) Reference Standard	1599500-500MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Powdered Rosemary Extract, United States Pharmacopeia (USP) Reference Standard	1605668-1G
✓ Powdered Rosemary Hydrophilic Extract, United States Pharmacopeia (USP) Reference Standard	1605680-1G
✓ Powdered St. John's Wort Extract, United States Pharmacopeia (USP) Reference Standard	1607506-600MG
✓ Powdered Valerian Extract, United States Pharmacopeia (USP) Reference Standard	1707931-1G
✓ Pralidoxime chloride, United States Pharmacopeia (USP) Reference Standard	1553000-200MG
✓ Pramipexole dihydrochloride monohydrate, United States Pharmacopeia (USP) Reference Standard	1553859-200MG
Pramipexole dihydrochloride monohydrate, European Pharmacopeia (EP) Reference Standard	Y0001266
Pramipexole for system suitability, European Pharmacopeia (EP) Reference Standard	Y0001187
Pramipexole impurity D, European Pharmacopeia (EP) Reference Standard	Y0001267
✓ Pramipexole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1553768-15MG
✓ Pramipexole Related Compound D, United States Pharmacopeia (USP) Reference Standard	1553815-25MG
✓ Pramoxine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1554002-400MG
Pravastatin impurity A, European Pharmacopeia (EP) Reference Standard	Y0000223
✓ Pravastatin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1554217-10MG
✓ Pravastatin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1554228-20MG
✓ Pravastatin sodium, United States Pharmacopeia (USP) Reference Standard	1554206-50MG
Pravastatin sodium - reference spectrum, European Pharmacopeia (EP)	Y0000215
✓ Pravastatin 1,1,3,3-tetramethylbutylamine, United States Pharmacopeia (USP) Reference Standard	1554192-200MG
Pravastatin 1,1,3,3-tetramethylbutylamine, European Pharmacopeia (EP) Reference Standard	Y0000204
Prazepam, European Pharmacopeia (EP) Reference Standard	P2669000
✓ Prazepam, United States Pharmacopeia (USP) Reference Standard	1554501-500MG
Praziquantel, European Pharmacopeia (EP) Reference Standard	P2670000
✓ Praziquantel, United States Pharmacopeia (USP) Reference Standard	1554603-200MG
Praziquantel for system suitability, European Pharmacopeia (EP) Reference Standard	Y0001533
✓ Praziquantel Related Compound A, United States Pharmacopeia (USP) Reference Standard	1554658-20MG
✓ Praziquantel Related Compound B, United States Pharmacopeia (USP) Reference Standard	1554669-50MG
✓ Praziquantel Related Compound C, United States Pharmacopeia (USP) Reference Standard	1554670-50MG
✓ Prazosin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1554705-350MG
Prazosin hydrochloride, European Pharmacopeia (EP) Reference Standard	P2680000
Prednicarbate, European Pharmacopeia (EP) Reference Standard	P2698000
✓ Prednicarbate, United States Pharmacopeia (USP) Reference Standard	1554909-200MG
Prednicarbate for system suitability A, European Pharmacopeia (EP) Reference Standard	Y0001630
✓ Prednicarbate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1554910-20MG
✓ Prednicarbate Related Compound B, United States Pharmacopeia (USP) Reference Standard	1554920-20MG
✓ Prednicarbate Related Compound C, United States Pharmacopeia (USP) Reference Standard	1554931-20MG

* Name	Catalog Number
Prednisolone, European Pharmacopeia (EP) Reference Standard	P2700000
✓ Prednisolone, United States Pharmacopeia (USP) Reference Standard	1555005-200MG
Prednisolone acetate, European Pharmacopeia (EP) Reference Standard	P2800000
✓ Prednisolone acetate, United States Pharmacopeia (USP) Reference Standard	1556008-200MG
Prednisolone acetate for peak identification, European Pharmacopeia (EP) Reference Standard	Y0000582
Prednisolone for peak identification, European Pharmacopeia (EP) Reference Standard	Y0001359
Prednisolone for system suitability, European Pharmacopeia (EP) Reference Standard	Y0001355
✓ Prednisolone hemisuccinate, United States Pharmacopeia (USP) Reference Standard	1556507-125MG
Prednisolone hexanoate, European Pharmacopeia (EP) Reference Standard	P2804000
Prednisolone pivalate, European Pharmacopeia (EP) Reference Standard	P2805000
✓ Prednisolone tebutate, United States Pharmacopeia (USP) Reference Standard	1558003-200MG
✓ Prednisone, United States Pharmacopeia (USP) Reference Standard	1559006-250MG
Prednisone, European Pharmacopeia (EP) Reference Standard	P2900000
✓ Prednisone tablets, United States Pharmacopeia (USP) Reference Standard	1559505-1PAK
Pregabalin, European Pharmacopeia (EP) Reference Standard	Y0001805
Pregabalin impurity B, European Pharmacopeia (EP) Reference Standard	Y0001807
Pregabalin impurity D, European Pharmacopeia (EP) Reference Standard	Y0001808
Pregnenolone isobutyrate, European Pharmacopeia (EP) Reference Standard	P2920000
Prekallikrein activator in albumin, European Pharmacopeia (EP) Reference Standard	Y0000263-3EA
Prilocaine, European Pharmacopeia (EP) Reference Standard	P2939000
✓ Prilocaine, United States Pharmacopeia (USP) Reference Standard	1560990-200MG
Prilocaine hydrochloride, European Pharmacopeia (EP) Reference Standard	P2939060
✓ Prilocaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1561008-200MG
Prilocaine for peak identification, European Pharmacopeia (EP) Reference Standard	Y0001681
Prilocaine impurity E, European Pharmacopeia (EP) Reference Standard	P2939025
✓ Prilocaine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1561019-100MG
✓ Prilocaine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1561020-50MG
Primaquine diphosphate, European Pharmacopeia (EP) Reference Standard	P2940000
✓ Primaquine phosphate, United States Pharmacopeia (USP) Reference Standard	1561507-200MG
✓ Primaquine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1561518-15MG
Primidone, European Pharmacopeia (EP) Reference Standard	P2950000
✓ Primidone, United States Pharmacopeia (USP) Reference Standard	1562000-200MG
Primidone for peak identification, European Pharmacopeia (EP) Reference Standard	Y0000369
✓ Primidone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1562011-20MG
✓ Primidone Related Compound C, United States Pharmacopeia (USP) Reference Standard	1562033-20MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Probenecid, United States Pharmacopeia (USP) Reference Standard	1563003-200MG
Probenecid, European Pharmacopoeia (EP) Reference Standard	P3000000
✓ Probutol, United States Pharmacopeia (USP) Reference Standard	1563309-200MG
✓ Probutol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1563320-25MG
✓ Probutol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1563331-25MG
✓ Probutol Related Compound C, United States Pharmacopeia (USP) Reference Standard	1563342-25MG
✓ Procainamide hydrochloride, United States Pharmacopeia (USP) Reference Standard	1563502-200MG
Procainamide hydrochloride, European Pharmacopoeia (EP) Reference Standard	P3050000
✓ Procaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1564006-200MG
Procaine hydrochloride, European Pharmacopoeia (EP) Reference Standard	P3100000
Procaine benzylpenicillin, European Pharmacopoeia (EP) Reference Standard	P3090000
✓ Procarbazine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1565009-200MG
Prochlorperazine maleate, European Pharmacopoeia (EP) Reference Standard	P3200000
✓ Prochlorperazine maleate, United States Pharmacopeia (USP) Reference Standard	1566001-200MG
✓ Prochlorperazine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1566045-10MG
✓ Procyclidine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1567004-200MG
✓ Progesterone, United States Pharmacopeia (USP) Reference Standard	1568007-200MG
Progesterone, European Pharmacopoeia (EP) Reference Standard	P3300000
Progesterone for impurity H identification, European Pharmacopoeia (EP) Reference Standard	Y0001667
Progesterone for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001666
Progesterone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001665
✓ Proguanil hydrochloride, United States Pharmacopeia (USP) Reference Standard	1568040-200MG
Proguanil hydrochloride - reference spectrum, European Pharmacopoeia (EP)	Y0000179
Proguanil impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000181
Proguanil impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000182
✓ Proguanil Related Compound A, United States Pharmacopeia (USP) Reference Standard	1568028-25MG
✓ Proguanil Related Compound C, United States Pharmacopeia (USP) Reference Standard	1568051-25MG
✓ Proguanil Related Compound D, United States Pharmacopeia (USP) Reference Standard	1568062-25MG
✓ Proguanil Related Compound E, United States Pharmacopeia (USP) Reference Standard	1568073-25MG
✓ Proguanil Related Compound F, United States Pharmacopeia (USP) Reference Standard	1568084-25MG
✓ Proguanil Related Compound G, United States Pharmacopeia (USP) Reference Standard	1568095-25MG
Proline, European Pharmacopoeia (EP) Reference Standard	P3350000
✓ L-Proline, United States Pharmacopeia (USP) Reference Standard	1568506-200MG
Promazine hydrochloride, European Pharmacopoeia (EP) Reference Standard	P3390000
✓ Promazine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1569000-200MG

* Name	Catalog Number
Promethazine hydrochloride, European Pharmacopoeia (EP) Reference Standard	P3400000
✓ Promethazine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1570009-500MG
Promethazine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000797
Promethazine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000769
Propacetamol hydrochloride - reference spectrum, European Pharmacopoeia (EP)	P3490000
Propafenone hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000455
✓ Propafenone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1570304-200MG
Propafenone impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000456
✓ Propafenone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1570315-20MG
✓ Propafenone Related Compound B, United States Pharmacopeia (USP) Reference Standard	1570326-50MG
✓ 1,3-Propanediol, United States Pharmacopeia (USP) Reference Standard	1570483-1ML
✓ 1-Propanol, United States Pharmacopeia (USP) Reference Standard	1570406-3AMP
✓ 2-Propanol, United States Pharmacopeia (USP) Reference Standard	1570428-3AMP
✓ Propanolamine, United States Pharmacopeia (USP) Reference Standard	1570450-100MG
Propanol - reference spectrum, European Pharmacopoeia (EP)	Y0000278
✓ 2-Propanol System Suitability, United States Pharmacopeia (USP) Reference Standard	1570439-3X1ML
✓ Propantheline bromide, United States Pharmacopeia (USP) Reference Standard	1570508-200MG
✓ Propantheline Bromide Related Compound A	1329505-50MG
✓ Proparacaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1571001-200MG
✓ Propionic acid, United States Pharmacopeia (USP) Reference Standard	1572208-3X1.5ML
Propofol, European Pharmacopoeia (EP) Reference Standard	Y0000016
✓ Propofol, United States Pharmacopeia (USP) Reference Standard	1572503-200MG
Propofol for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000017
Propofol impurity J, European Pharmacopoeia (EP) Reference Standard	Y0000018
✓ Propofol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1572536-10MG
✓ Propofol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1572547-25MG
✓ Propofol Related Compound C, United States Pharmacopeia (USP) Reference Standard	1572558-25MG
✓ Propofol Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1572525-100MG
✓ Propoxycaïne hydrochloride, United States Pharmacopeia (USP) Reference Standard	1573007-200MG
✓ Propoxyphene hydrochloride, United States Pharmacopeia (USP) Reference Standard	1574000-1G
✓ Propoxyphene napsylate, United States Pharmacopeia (USP) Reference Standard	1575002-1G
✓ Propoxyphene Related Compound A, United States Pharmacopeia (USP) Reference Standard	1575206-50MG
✓ Propoxyphene Related Compound B, United States Pharmacopeia (USP) Reference Standard	1008002-50MG
✓ Propranolol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1576005-200MG
Propranolol hydrochloride, European Pharmacopoeia (EP) Reference Standard	P3500000

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Propranolol hydrochloride for performance test, European Pharmacopoeia (EP) Reference Standard	P3600000
✓ Propyl acetate, United States Pharmacopoeia (USP) Reference Standard	1576402-3X1.2ML
✓ Propylene carbonate, United States Pharmacopoeia (USP) Reference Standard	1576504-200MG
✓ Propylene glycol, United States Pharmacopoeia (USP) Reference Standard	1576708-5X1ML
Propylene glycol, European Pharmacopoeia (EP) Reference Standard	Y0001547
✓ Propylene Glycol Dicaprylate/Dicaprate, United States Pharmacopoeia (USP) Reference Standard	1576683-1ML
Propylene glycol dilaurate, European Pharmacopoeia (EP) Reference Standard	Y0000318
✓ Propylene glycol dilaurate, United States Pharmacopoeia (USP) Reference Standard	1576763-500MG
✓ Propylene glycol monocaprylate type I, United States Pharmacopoeia (USP) Reference Standard	1576661-1G
✓ Propylene glycol monocaprylate type II, United States Pharmacopoeia (USP) Reference Standard	1576672-1G
Propylene glycol monolaurate, European Pharmacopoeia (EP) Reference Standard	Y0000319
✓ Propylene glycol monolaurate type I, United States Pharmacopoeia (USP) Reference Standard	1576785-500MG
✓ Propylene glycol monolaurate type II, United States Pharmacopoeia (USP) Reference Standard	1576796-500MG
✓ Propylene oxide, United States Pharmacopoeia (USP) Reference Standard	1576945-5X0.1ML
✓ Propyl gallate, United States Pharmacopoeia (USP) Reference Standard	1576800-200MG
Propyl gallate, European Pharmacopoeia (EP) Reference Standard	P3640000
✓ Propylparaben, United States Pharmacopoeia (USP) Reference Standard	1577008-200MG
Propyl parahydroxybenzoate, European Pharmacopoeia (EP) Reference Standard	P3650000
Propylthiouracil, European Pharmacopoeia (EP) Reference Standard	P3700000
✓ Propylthiouracil, United States Pharmacopoeia (USP) Reference Standard	1578000-200MG
Propyphenazone, European Pharmacopoeia (EP) Reference Standard	P3750000
✓ Prostaglandin A ₁ , United States Pharmacopoeia (USP) Reference Standard	1578500-25MG
✓ Prostaglandin B ₁ , United States Pharmacopoeia (USP) Reference Standard	1578554-25MG
✓ Protamine sulfate, United States Pharmacopoeia (USP) Reference Standard	1578612-2.85MG
✓ Protein A, United States Pharmacopoeia (USP) Reference Standard	1578805-2X250UL
✓ Protocatechuic acid, United States Pharmacopoeia (USP) Reference Standard	1579310-25MG
✓ Protriptyline hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1580002-200MG
Proxiphylline, European Pharmacopoeia (EP) Reference Standard	P3800000
Pseudoephedrine hydrochloride, European Pharmacopoeia (EP) Reference Standard	P3850000-50MG
✓ Pseudoephedrine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1581005-125MG
✓ Pseudoephedrine sulfate, United States Pharmacopoeia (USP) Reference Standard	1581504-200MG
Pseudoisoeugenyl 2-methylbutyrate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000387
✓ Purified Grape Seeds Oligomeric Proanthocyanidins, United States Pharmacopoeia (USP) Reference Standard	1298219-500MG
✓ Purified Guggul Extract, United States Pharmacopoeia (USP) Reference Standard	1302203-500MG
Purified quillaia saponins, European Pharmacopoeia (EP) Reference Standard	Y0001537

* Name	Catalog Number
Purpureaglycoside A, European Pharmacopoeia (EP) Reference Standard	P3900000
Purpureaglycoside B, European Pharmacopoeia (EP) Reference Standard	P4000000
✓ Pygeum extract, United States Pharmacopoeia (USP) Reference Standard	1583805-150MG
Pyrantel embonate, European Pharmacopoeia (EP) Reference Standard	Y0000402
Pyrantel impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000403
✓ Pyrantel pamoate, United States Pharmacopoeia (USP) Reference Standard	1584003-500MG
✓ Pyrantel Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1584014-25MG
✓ Pyrantel tartrate, United States Pharmacopoeia (USP) Reference Standard	1584105-200MG
Pyrazinamide, European Pharmacopoeia (EP) Reference Standard	P4050000
✓ Pyrazinamide, United States Pharmacopoeia (USP) Reference Standard	1585006-200MG
✓ Pyrethrum extract, United States Pharmacopoeia (USP) Reference Standard	1585505-100MG
✓ 4,4'-(2-Pyridinylmethylene)bisphenol, United States Pharmacopoeia (USP) Reference Standard	1074030-20MG
Pyridostigmine bromide, European Pharmacopoeia (EP) Reference Standard	P4099900
✓ Pyridostigmine bromide, United States Pharmacopoeia (USP) Reference Standard	1586009-200MG
Pyridostigmine impurity A, European Pharmacopoeia (EP) Reference Standard	P4099910
Pyridostigmine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001486
✓ Pyridostigmine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1586020-50MG
✓ Pyridostigmine Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1586031-10MG
✓ Pyridoxine hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1587001-200MG
Pyridoxine hydrochloride, European Pharmacopoeia (EP) Reference Standard	P4100000
Pyridoxine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001226
✓ Pyrilamine maleate, United States Pharmacopoeia (USP) Reference Standard	1588004-200MG
Pyrimethamine, European Pharmacopoeia (EP) Reference Standard	P4200000
✓ Pyrimethamine, United States Pharmacopoeia (USP) Reference Standard	1589007-200MG
✓ 2-{5-[(Pyrrolidin-1-ylsulfonyl)methyl]-1H-indol-3-yl} ethanamine hemifumarate salt, United States Pharmacopoeia (USP) Reference Standard	1013545-15MG
Pyrrolidone, European Pharmacopoeia (EP) Reference Standard	Y0000659
✓ Pyrvinium pamoate, United States Pharmacopoeia (USP) Reference Standard	1592001-500MG
✓ Quazepam, United States Pharmacopoeia (USP) Reference Standard	1592205-200MG
✓ Quazepam Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1592227-30MG
✓ Quercetin, United States Pharmacopoeia (USP) Reference Standard	1592409-500MG
Quercetin dihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001009
Quetiapine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001419
Quetiapine fumarate, European Pharmacopoeia (EP) Reference Standard	Y0001657
✓ Quetiapine fumarate, United States Pharmacopoeia (USP) Reference Standard, monograph mol wt. 883.09 ((C ₂₁ H ₂₅ N ₃ O ₂) ₂ · C ₄ H ₄ O ₄)	1592704-100MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Quetiapine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1592737-15MG
✓ Quetiapine Related Compound G, United States Pharmacopeia (USP) Reference Standard	1592781-15MG
✓ Quetiapine System Suitability, United States Pharmacopeia (USP) Reference Standard	1592715-10MG 1592715-15MG
Quillaia saponin assay, European Pharmacopoeia (EP) Reference Standard	Y0001564
✓ Quinapril hydrochloride, United States Pharmacopeia (USP) Reference Standard	1593401-400MG
Quinapril hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001491
Quinapril for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001502
Quinapril for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001503
✓ Quinapril Related Compound A, United States Pharmacopeia (USP) Reference Standard	1593412-50MG
✓ Quinapril Related Compound B, United States Pharmacopeia (USP) Reference Standard	1593423-50MG
✓ Quinethazone, United States Pharmacopeia (USP) Reference Standard	1594007-1.5G
✓ Quinic acid, United States Pharmacopeia (USP) Reference Standard	1594506-200MG
✓ Quinidine gluconate, United States Pharmacopeia (USP) Reference Standard	1595000-200MG
Quinidine sulfate, European Pharmacopoeia (EP) Reference Standard	Q0100000
✓ Quinidine sulfate, United States Pharmacopeia (USP) Reference Standard	1595509-500MG
✓ Quinine hydrochloride dihydrate, United States Pharmacopeia (USP) Reference Standard	1596807-1G
✓ Quinine sulfate, United States Pharmacopeia (USP) Reference Standard	1597005-500MG
Quinine sulfate, European Pharmacopoeia (EP) Reference Standard	Q0200000
✓ Quinone, United States Pharmacopeia (USP) Reference Standard	1597504-50MG
✓ Rabeprazole sodium, United States Pharmacopeia (USP) Reference Standard	1598019-200MG
✓ Rabeprazole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1598020-25MG
✓ Rabeprazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1598031-15MG
✓ Rabeprazole Related Compound C, United States Pharmacopeia (USP) Reference Standard	1598042-25MG
✓ Rabeprazole Related Compound D, United States Pharmacopeia (USP) Reference Standard	1598053-25MG
✓ Rabeprazole Related Compound E, United States Pharmacopeia (USP) Reference Standard	1598064-25MG
✓ Rabeprazole Related Compound F, United States Pharmacopeia (USP) Reference Standard	1598075-15MG
Rabies vaccine (inactivated), for veterinary use, BRP, European Pharmacopoeia (EP) Reference Standard	R0100000
Racecadotril, European Pharmacopoeia (EP) Reference Standard	Y0000896
Racecadotril for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000902
Racecadotril impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000897
Racecadotril impurity G, European Pharmacopoeia (EP) Reference Standard	Y0000898
✓ Racemethionine, United States Pharmacopeia (USP) Reference Standard	1643292-200MG
Racemic methyl dopa, European Pharmacopoeia (EP) Reference Standard	Y0001374
✓ Racemic tamsulosin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1643281-50MG
✓ Racemic Tiagabine Hydrochloride Mixture, United States Pharmacopeia (USP) Reference Standard	1667235-25MG

* Name	Catalog Number
✓ Ractopamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1598100-200MG
✓ rAlbumin human, United States Pharmacopeia (USP) Reference Standard	1012595-6MG
✓ Raloxifene hydrochloride, United States Pharmacopeia (USP) Reference Standard	1598201-200MG
Raloxifene hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001134
Raloxifene hydrochloride for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001135
✓ Raloxifene Related Compound C, United States Pharmacopeia (USP) Reference Standard	1598234-20MG
✓ Ramipril, United States Pharmacopeia (USP) Reference Standard	1598303-125MG
Ramipril, European Pharmacopoeia (EP) Reference Standard	R0145000
Ramipril impurity A, European Pharmacopoeia (EP) Reference Standard	R0145005
Ramipril impurity B, European Pharmacopoeia (EP) Reference Standard	R0145010
Ramipril impurity C, European Pharmacopoeia (EP) Reference Standard	R0145015
Ramipril impurity D, European Pharmacopoeia (EP) Reference Standard	R0145020
✓ Ramipril Related Compound A, United States Pharmacopeia (USP) Reference Standard	1598314-30MG
✓ Ramipril Related Compound B, United States Pharmacopeia (USP) Reference Standard	1598323-20MG
✓ Ramipril Related Compound C, United States Pharmacopeia (USP) Reference Standard	1598338-20MG
✓ Ramipril Related Compound D, United States Pharmacopeia (USP) Reference Standard	1598347-20MG
✓ Ranitidine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1598405-200MG
Ranitidine hydrochloride, European Pharmacopoeia (EP) Reference Standard	R0150000
Ranitidine for impurity A identification, European Pharmacopoeia (EP) Reference Standard	Y0001787
Ranitidine impurity J, European Pharmacopoeia (EP) Reference Standard	Y0000416
✓ Ranitidine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1598507-50MG
✓ Ranitidine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1598609-50MG
✓ Ranitidine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1598700-50MG
✓ Ranitidine Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1598450-20MG
✓ Ranolazine, United States Pharmacopeia (USP) Reference Standard	1598744-100MG
✓ Ranolazine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1598755-50MG
✓ Ranolazine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1598766-50MG
✓ Ranolazine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1598777-50MG
✓ Ranolazine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1598788-50MG
✓ Raspberry alcohol, United States Pharmacopeia (USP) Reference Standard	1598802-50MG
✓ Raspberry ketone, United States Pharmacopeia (USP) Reference Standard	1598813-100MG
✓ Rauwolfia Serpentina, United States Pharmacopeia (USP) Reference Standard	1599000-15G
✓ Rebaudioside A, United States Pharmacopeia (USP) Reference Standard	1600121-500MG
✓ Rebaudioside B, United States Pharmacopeia (USP) Reference Standard	1600132-100MG
✓ Rebaudioside D, United States Pharmacopeia (USP) Reference Standard	1600154-100MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Recombinant Major Allergen rBet v 1, European Pharmacopoeia (EP) Reference Standard	Y0001565
Recombinant Major Allergen rPhl p 5a, European Pharmacopoeia (EP) Reference Standard	Y0001566
✓ Regular Bleached Shellac, United States Pharmacopeia (USP) Reference Standard	1600314-100MG
Repaglinide, European Pharmacopoeia (EP) Reference Standard	Y0000457
✓ Repaglinide, United States Pharmacopeia (USP) Reference Standard	1600813-200MG
Repaglinide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000458
Repaglinide impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000459
✓ Repaglinide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1600824-10MG
✓ Repaglinide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1600835-50MG
✓ Repaglinide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1600846-25MG
✓ Repaglinide Related Compound E, United States Pharmacopeia (USP) Reference Standard	1600868-20MG
Reserpine, European Pharmacopoeia (EP) Reference Standard	R0200000
✓ Reserpine, United States Pharmacopeia (USP) Reference Standard	1601000-200MG
✓ Residual Solvent Class 2 - Acetonitrile, United States Pharmacopeia (USP) Reference Standard	1601340-3AMP
✓ Residual Solvent Class 1 - Benzene, United States Pharmacopeia (USP) Reference Standard	1601146-3X1.2ML
✓ Residual Solvent Class 1 - Carbon Tetrachloride, United States Pharmacopeia (USP) Reference Standard	1601168-3X1.2ML
✓ Residual Solvent Class 2 - Chlorobenzene, United States Pharmacopeia (USP) Reference Standard	1601361-3X1.2ML
✓ Residual Solvent Class 2 - Chloroform, United States Pharmacopeia (USP) Reference Standard	1601383-3X1.2ML
✓ Residual Solvent Class 2 - Cumene, United States Pharmacopeia (USP) Reference Standard	1601394-3X1.2ML
✓ Residual Solvent Class 2 - Cyclohexane, United States Pharmacopeia (USP) Reference Standard	1601408-3X1.2ML
✓ Residual Solvent Class 1 - 1,2-Dichloroethane, United States Pharmacopeia (USP) Reference Standard	1601180-3X1.2ML
✓ Residual Solvent Class 1 - 1,1-Dichloroethene, United States Pharmacopeia (USP) Reference Standard	1601204-3X1.2ML
✓ Residual Solvent Class 2 - 1,2-Dichloroethene, United States Pharmacopeia (USP) Reference Standard	1601420-3X1.2ML
✓ Residual Solvent Class 2 - 1,2-Dimethoxyethane, United States Pharmacopeia (USP) Reference Standard	1601463-3X1.2ML
✓ Residual Solvent Class 2 - <i>N,N</i> -Dimethylacetamide, United States Pharmacopeia (USP) Reference Standard	1601485-3X1.2ML
✓ Residual Solvent Class 2 - <i>N,N</i> -Dimethylformamide, United States Pharmacopeia (USP) Reference Standard	1601500-3X1.2ML
✓ Residual Solvent Class 2 - 1,4-Dioxane, United States Pharmacopeia (USP) Reference Standard	1601521-3X1.2ML
✓ Residual Solvent Class 2 - 2-Ethoxyethanol, United States Pharmacopeia (USP) Reference Standard	1601543-3X1.2ML
✓ Residual Solvent Class 2 - Ethylene Glycol, United States Pharmacopeia (USP) Reference Standard	1601565-3X1.2ML
✓ Residual Solvent Class 2 - Formamide, United States Pharmacopeia (USP) Reference Standard	1601587-3X1.2ML
✓ Residual Solvent Class 2 - Hexane, United States Pharmacopeia (USP) Reference Standard	1601601-3X1.2ML
✓ Residual Solvent Class 2 - Methanol, United States Pharmacopeia (USP) Reference Standard	1601623-3X1.2ML
✓ Residual Solvent Class 2 - 2-Methoxyethanol, United States Pharmacopeia (USP) Reference Standard	1601645-3X1.2ML
✓ Residual Solvent Class 2 - Methylbutylketone, United States Pharmacopeia (USP) Reference Standard	1601667-3X1.2ML
✓ Residual Solvent Class 2 - Methylcyclohexane, United States Pharmacopeia (USP) Reference Standard	1601689-3X1.2ML

* Name	Catalog Number
✓ Residual Solvent Class 2 - Methylene chloride, United States Pharmacopeia (USP) Reference Standard	1601441-3X1.2ML
✓ Residual Solvent Class 2 - <i>N</i> -Methylpyrrolidone, United States Pharmacopeia (USP) Reference Standard	1601703-3X1.2ML
✓ Residual Solvent Class 2 - Nitromethane, United States Pharmacopeia (USP) Reference Standard	1601725-3X1.2ML
✓ Residual Solvent Class 2 - Pyridine, United States Pharmacopeia (USP) Reference Standard	1601747-3X1.2ML
✓ Residual Solvent Class 2 - Sulfolane, United States Pharmacopeia (USP) Reference Standard	1601769-3X1.2ML
✓ Residual Solvent Class 2 - Tetrahydrofuran, United States Pharmacopeia (USP) Reference Standard	1601770-3X1.2ML
✓ Residual Solvent Class 2 - Tetralin, United States Pharmacopeia (USP) Reference Standard	1601780-3X1.2ML
✓ Residual Solvent Class 2 - Toluene, United States Pharmacopeia (USP) Reference Standard	1601805-3X1.2ML
✓ Residual Solvent Class 1 - 1,1,1-Trichloroethane, United States Pharmacopeia (USP) Reference Standard	1601226-3X1.2ML
✓ Residual Solvent Class 2 - Trichloroethylene, United States Pharmacopeia (USP) Reference Standard	1601827-3X1.2ML
✓ Residual Solvent Class 2 - Xylenes, United States Pharmacopeia (USP) Reference Standard	1601849-3X1.2ML
✓ Residual Solvents Class 2 - Mixture A, United States Pharmacopeia (USP) Reference Standard	1601281-3AMP
✓ Residual Solvents Class 2 - Mixture B, United States Pharmacopeia (USP) Reference Standard	1601292-3AMP
✓ Residual Solvents Class 2 - Mixture C, United States Pharmacopeia (USP) Reference Standard	1601306-3AMP
✓ Residual Solvents Mixture - Class 1, United States Pharmacopeia (USP) Reference Standard	1601102-3AMP
Resorcinol, European Pharmacopoeia (EP) Reference Standard	Y0000767
✓ Resorcinol, United States Pharmacopeia (USP) Reference Standard	1602003-200MG
Resveratrol, European Pharmacopoeia (EP) Reference Standard	Y0001194
Retinol acetate, European Pharmacopoeia (EP) Reference Standard	R0300000
Retinol esters, European Pharmacopoeia (EP) Reference Standard	R0290000
✓ Retinyl acetate, United States Pharmacopeia (USP) Reference Standard	1716002-10X0.5G
✓ Retinyl palmitate, United States Pharmacopeia (USP) Reference Standard	1602502-4X50MG
✓ rGlucagon, recombinant glucagon (human), United States Pharmacopeia (USP) Reference Standard	1294036-2X2.94MG
✓ Rhodiola Rosea Root and Rhizome Dry Extract, United States Pharmacopeia (USP) Reference Standard	1602580-1G
✓ rHuman Interleukin 4, United States Pharmacopeia (USP) Reference Standard	1211714-51UG
Ribavirin, European Pharmacopoeia (EP) Reference Standard	Y0000377-2EA
✓ Ribavirin, United States Pharmacopeia (USP) Reference Standard	1602706-200MG
✓ Ribavirin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1602717-15MG
✓ Ribavirin Related Compound D, United States Pharmacopeia (USP) Reference Standard	1602740-15MG
✓ Riboflavin, United States Pharmacopeia (USP) Reference Standard	1603006-500MG
Riboflavin, European Pharmacopoeia (EP) Reference Standard	R0600000
Riboflavin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000757
Riboflavin sodium phosphate, European Pharmacopoeia (EP) Reference Standard	R0630000
Ribonucleic acid, European Pharmacopoeia (EP) Reference Standard	Y0000662
✓ Ribose, United States Pharmacopeia (USP) Reference Standard	1603108-300MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Rifabutin, United States Pharmacopeia (USP) Reference Standard	1603800-50MG
Rifabutin, European Pharmacopoeia (EP) Reference Standard	Y0000149
Rifabutin impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000184
Rifampicin, European Pharmacopoeia (EP) Reference Standard	R0700000
Rifampicin quinone, European Pharmacopoeia (EP) Reference Standard	R0800000
✓ Rifampicin quinone, United States Pharmacopeia (USP) Reference Standard	1604202-25MG
✓ Rifampin, United States Pharmacopeia (USP) Reference Standard	1604009-300MG
Rifamycin B, European Pharmacopoeia (EP) Reference Standard	R0900000
Rifamycin S, European Pharmacopoeia (EP) Reference Standard	R0950000
Rifamycin sodium, European Pharmacopoeia (EP) Reference Standard	R1000000
Rifaximin, European Pharmacopoeia (EP) Reference Standard	Y0001074
Rifaximin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001075
Rilmenidine dihydrogenophosphate - reference spectrum, European Pharmacopoeia (EP)	Y0000250
Rilmenidine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000187
✓ Riluzole, United States Pharmacopeia (USP) Reference Standard	1604337-200MG
✓ Riluzole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1604348-25MG
✓ Rimantadine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1604508-300MG
✓ Rimexolone, United States Pharmacopeia (USP) Reference Standard	1604600-100MG
✓ Risedronate sodium, United States Pharmacopeia (USP) Reference Standard	1604610-350MG
Risedronate impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001558
Risedronate impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001540
✓ Risedronate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1604621-20MG
✓ Risedronate Related Compound B, United States Pharmacopeia (USP) Reference Standard	1604632-20MG
✓ Risedronate Related Compound C, United States Pharmacopeia (USP) Reference Standard	1604643-20MG
Risedronate sodium 2.5-hydrate, European Pharmacopoeia (EP) Reference Standard	Y0001541
Risperidone, European Pharmacopoeia (EP) Reference Standard	R1000600
✓ Risperidone, United States Pharmacopeia (USP) Reference Standard	1604654-100MG
Risperidone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000370
Risperidone impurity K, European Pharmacopoeia (EP) Reference Standard	Y0001276
✓ Risperidone Related Compound G, United States Pharmacopeia (USP) Reference Standard	1604756-25MG
✓ Risperidone Related Compounds Mixture, United States Pharmacopeia (USP) Reference Standard	1604676-25MG
✓ Risperidone System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1604665-10MG
✓ Ritodrine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1604701-200MG
Ritonavir, European Pharmacopoeia (EP) Reference Standard	Y0000714
✓ Ritonavir, United States Pharmacopeia (USP) Reference Standard	1604803-200MG

* Name	Catalog Number
Ritonavir for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000706
✓ Ritonavir Related Compounds Mixture, United States Pharmacopeia (USP) Reference Standard	1604814-50MG
✓ Rivastigmine, United States Pharmacopeia (USP) Reference Standard	1604836-0.1ML
✓ Rivastigmine tartrate, United States Pharmacopeia (USP) Reference Standard	1604858-200MG
Rivastigmine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001485
Rivastigmine hydrogen tartrate, European Pharmacopoeia (EP) Reference Standard	Y0001516
Rivastigmine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001515
✓ Rivastigmine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1604869-15MG
✓ Rivastigmine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1604870-15MG
✓ Rivastigmine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1604811-15MG
✓ Rivastigmine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1604825-50MG
✓ Rivastigmine Related Compound E, United States Pharmacopeia (USP) Reference Standard	1604950-15MG
✓ Rivastigmine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1604961-25MG
✓ Rivastigmine tartrate <i>R</i> -isomer, United States Pharmacopeia (USP) Reference Standard	1604847-20MG
Rizatriptan benzoate, European Pharmacopoeia (EP) Reference Standard	Y0001302
✓ Rizatriptan benzoate, United States Pharmacopeia (USP) Reference Standard	1604880-200MG
✓ Rizatriptan Benzoate System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1604891-15MG
Rizatriptan for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001303
RK 13 cells, European Pharmacopoeia (EP) Reference Standard	R1300000
Rocuronium bromide, European Pharmacopoeia (EP) Reference Standard	Y0001580
✓ Rocuronium bromide, United States Pharmacopeia (USP) Reference Standard	1604905-250MG
Rocuronium for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000527
✓ Rocuronium Peak Identification Mixture, United States Pharmacopeia (USP) Reference Standard	1604916-25MG
✓ Ropinirole hydrochloride, United States Pharmacopeia (USP) Reference Standard	1605205-200MG
✓ Ropinirole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1605216-50MG
✓ Ropinirole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1605227-50MG
✓ Ropivacaine, United States Pharmacopeia (USP) Reference Standard	1605497-200MG
✓ Ropivacaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1605500-200MG
Ropivacaine hydrochloride monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000742
Ropivacaine impurity G, European Pharmacopoeia (EP) Reference Standard	Y0000743
✓ Ropivacaine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1605512-25MG
✓ Ropivacaine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1605523-50MG
✓ Rosavin, United States Pharmacopeia (USP) Reference Standard	1605588-25MG
✓ Rosiglitazone maleate, United States Pharmacopeia (USP) Reference Standard	1605817-200MG
✓ Rosiglitazone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1605828-25MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Rosmarinic acid, European Pharmacopoeia (EP) Reference Standard	Y0000786
✓ Rosmarinic acid, United States Pharmacopeia (USP) Reference Standard	1605952-25MG
Rosuvastatin calcium, European Pharmacopoeia (EP) Reference Standard	Y0001719
Rosuvastatin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001721
Rosuvastatin impurity G, European Pharmacopoeia (EP) Reference Standard	Y0001722
✓ Roxarsone, United States Pharmacopeia (USP) Reference Standard	1606208-200MG
Roxithromycin, European Pharmacopoeia (EP) Reference Standard	R1500000
Roxithromycin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000220
✓ rProtein A, United States Pharmacopeia (USP) Reference Standard	1578816-2X250UL
✓ rProtein A, C-Cys, United States Pharmacopeia (USP) Reference Standard	1578827-2X250UL
RRR- α -Tocopheryl hydrogen succinate, European Pharmacopoeia (EP) Reference Standard	T1610000
Rubella vaccine (live) BRP, European Pharmacopoeia (EP)	R2000000
✓ Rubusoside, United States Pharmacopeia (USP) Reference Standard	1606274-100MG
✓ Rufinamide, United States Pharmacopeia (USP) Reference Standard	1606401-200MG
✓ Rufinamide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1606412-25MG
✓ Rufinamide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1606423-25MG
Ruscogenins, European Pharmacopoeia (EP) Reference Standard	Y0000494
✓ Rutin trihydrate, United States Pharmacopeia (USP) Reference Standard	1606503-100MG
Rutoside trihydrate, European Pharmacopoeia (EP) Reference Standard	Y0000105
✓ Saccharin, United States Pharmacopeia (USP) Reference Standard	1607007-200MG
Saccharin, European Pharmacopoeia (EP) Reference Standard	S0040000
Saccharin sodium, European Pharmacopoeia (EP) Reference Standard	S0050000
✓ Saccharin sodium salt dihydrate, United States Pharmacopeia (USP) Reference Standard	1607040-100MG
✓ Saccharin calcium, United States Pharmacopeia (USP) Reference Standard	1607029-100MG
✓ Safflower oil, United States Pharmacopeia (USP) Reference Standard	1607200-1G
Salbutamol, European Pharmacopoeia (EP) Reference Standard	S0100000
Salbutamol impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000030
Salbutamol impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000071
Salbutamol impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000031
Salbutamol impurity G, European Pharmacopoeia (EP) Reference Standard	Y0000034
Salbutamol impurity I, European Pharmacopoeia (EP) Reference Standard	Y0000032
Salbutamol impurity J, European Pharmacopoeia (EP) Reference Standard	Y0001186
Salbutamol sulfate, European Pharmacopoeia (EP) Reference Standard	S0150000
Salbutamol sulfate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001288
Salicin, European Pharmacopoeia (EP) Reference Standard	Y0000669

* Name	Catalog Number
✓ Salicylamide, United States Pharmacopeia (USP) Reference Standard	1608000-200MG
✓ Salicylic acid, United States Pharmacopeia (USP) Reference Standard	1609002-125MG
Salicylic acid, European Pharmacopoeia (EP) Reference Standard	S0200000
Salicylic acid impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000405
✓ Salicylic acid Related Compound A, United States Pharmacopeia (USP) Reference Standard	1609013-100MG
✓ Salicylic acid Related Compound B, United States Pharmacopeia (USP) Reference Standard	1609024-100MG
✓ Salidroside, United States Pharmacopeia (USP) Reference Standard	1609534-25MG
✓ Salmeterol xinafoate, United States Pharmacopeia (USP) Reference Standard	1609603-150MG
Salmeterol xinafoate, European Pharmacopoeia (EP) Reference Standard	Y0000422
✓ Salmeterol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1609614-10MG
✓ Salmeterol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1609625-3X1.5MG
✓ Salmeterol Related Compound H, United States Pharmacopeia (USP) Reference Standard	1609680-15MG
✓ Salmeterol Resolution Check, United States Pharmacopeia (USP) Reference Standard	1609589-15MG
✓ Salmeterol System Suitability, United States Pharmacopeia (USP) Reference Standard	1609590-15MG
Salmeterol xinafoate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001625
Salmeterol xinafoate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000423
✓ Salsalate, United States Pharmacopeia (USP) Reference Standard	1609807-150MG
Salvianolic acid B, European Pharmacopoeia (EP) Reference Standard	Y0001559
✓ Salvianolic acid B, United States Pharmacopeia (USP) Reference Standard	1609818-25MG
Santonin, European Pharmacopoeia (EP) Reference Standard	Y0001052
✓ Saquinavir mesylate, United States Pharmacopeia (USP) Reference Standard	1609829-200MG
Saquinavir for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001056
Saquinavir mesilate, European Pharmacopoeia (EP) Reference Standard	Y0001049
✓ Saquinavir Related Compound A, United States Pharmacopeia (USP) Reference Standard	1609831-25MG
Saw palmetto extract, European Pharmacopoeia (EP) Reference Standard	Y0001483
✓ Scaffold Human Dermis Reference Photomicrographs (CD), United States Pharmacopeia (USP)	1535813-1EA
✓ Schisandra chinensis Fruit Dry Extract, United States Pharmacopeia (USP) Reference Standard	1609909-1G
✓ Schisandrins, United States Pharmacopeia (USP) Reference Standard	1609895-15MG
Schizandrin, European Pharmacopoeia (EP) Reference Standard	Y0001818
✓ Scopalamine hydrobromide, United States Pharmacopeia (USP) Reference Standard	1610001-250MG
✓ Scopoletin, United States Pharmacopeia (USP) Reference Standard	1610090-20MG
✓ Secobarbital, United States Pharmacopeia (USP) Reference Standard	1611004-200MG
Selamectin, European Pharmacopoeia (EP) Reference Standard	Y0000814
Selamectin for peak identification	Y0001734
Selamectin impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001661

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Selegiline hydrochloride, European Pharmacopoeia (EP) Reference Standard	S0360000-2EA
✓ Selegiline hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1611900-200MG
(RS)-Selegiline hydrochloride, European Pharmacopoeia (EP) Reference Standard	S0360090
✓ Selegiline Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1611944-15MG
✓ Selenomethionine, United States Pharmacopoeia (USP) Reference Standard	1611955-100MG
Senna extract, European Pharmacopoeia (EP) Reference Standard	S0400000
✓ Sennoside A, United States Pharmacopoeia (USP) Reference Standard	1612018-20MG
✓ Sennoside B, United States Pharmacopoeia (USP) Reference Standard	1612029-20MG
✓ Sennosides, United States Pharmacopoeia (USP) Reference Standard	1612007-500MG
4-p-Ser-goserelin, European Pharmacopoeia (EP) Reference Standard	Y0000019
Serine, European Pharmacopoeia (EP) Reference Standard	S0450000
✓ L-Serine, United States Pharmacopoeia (USP) Reference Standard	1612506-200MG
Sertaconazole nitrate, European Pharmacopoeia (EP) Reference Standard	S0460000
✓ Sertraline hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1612539-100MG
Sertraline hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000828
Sertraline for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000866
Sertraline for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000867
✓ Sertraline hydrochloride racemic mixture, United States Pharmacopoeia (USP) Reference Standard	1612517-25MG
✓ Sertraline hydrochloride Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1612528-25MG
Sertraline impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001285
✓ Sesame oil, United States Pharmacopoeia (USP) Reference Standard	1612404-1G
✓ Sesame Oil Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1612415-3X6MG
✓ Sesame Oil Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1612426-2X12MG
Sestamibi labelling kit, European Pharmacopoeia (EP) Reference Standard	Y0000371
Set of Hepatitis A virus Detection Antibodies for ELISA - BRR, European Pharmacopoeia (EP) Reference Standard	Y0001623
Sevoflurane, European Pharmacopoeia (EP) Reference Standard	Y0001046
✓ Sevoflurane, United States Pharmacopoeia (USP) Reference Standard	1612540-1ML
✓ Sevoflurane Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1612550-0.20ML
✓ Sevoflurane Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1612572-0.2ML 1643532-25MG
✓ Sevoflurane Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1612594-0.2ML
✓ Sibutramine Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1612856-20MG
✓ Sibutramine Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1612867-20MG
✓ Sibutramine Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1612878-20MG
Sildenafil citrate, European Pharmacopoeia (EP) Reference Standard	Y0001578
✓ Sildenafil citrate, United States Pharmacopoeia (USP) Reference Standard	1612561-100MG

* Name	Catalog Number
Sildenafil impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001579
✓ Sildenafil Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1612685-10MG
✓ Silicified Microcrystalline Cellulose, United States Pharmacopoeia (USP) Reference Standard	1098399-1G
Silicone elastomer, European Pharmacopoeia (EP) Reference Standard	S0500000
Silicone oil, European Pharmacopoeia (EP) Reference Standard	S0600000
✓ Silver sulfadiazine, United States Pharmacopoeia (USP) Reference Standard	1612608-200MG
✓ Silybin, United States Pharmacopoeia (USP) Reference Standard	1612630-50MG
✓ Silydianin, United States Pharmacopoeia (USP) Reference Standard	1612641-20MG
✓ Simethicone, United States Pharmacopoeia (USP) Reference Standard	1612652-50G
✓ Simvastatin, United States Pharmacopoeia (USP) Reference Standard	1612700-200MG
Simvastatin, European Pharmacopoeia (EP) Reference Standard	S0650000
Simvastatin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001066
Sinomenine, European Pharmacopoeia (EP) Reference Standard	Y0001208
Sisomicin sulfate, European Pharmacopoeia (EP) Reference Standard	S0660000
✓ Sisomicin sulfate, United States Pharmacopoeia (USP) Reference Standard	1612801-500MG
Sitagliptin phosphate monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0001812
Sitagliptin containing impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001811
✓ Sitagliptin phosphate, United States Pharmacopoeia (USP) Reference Standard	1612903-200MG
✓ Sitagliptin System Suitability Mixture, United States Pharmacopoeia (USP) Reference Standard	1612914-20MG
✓ β-Sitosterol, United States Pharmacopoeia (USP) Reference Standard	1612947-100MG
✓ Sodium acetate, United States Pharmacopoeia (USP) Reference Standard	1613407-1G
✓ Sodium acetate trihydrate, United States Pharmacopoeia (USP) Reference Standard	1613429-1G
Sodium alendronate trihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001727
Sodium alendronate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001678
Sodium amidotrizoate, European Pharmacopoeia (EP) Reference Standard	S0695000
Sodium aminosalicilate dihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001669
Sodium aminosalicilate dihydrate - reference spectrum, European Pharmacopoeia (EP)	Y0000300
Sodium ascorbate, European Pharmacopoeia (EP) Reference Standard	Y0000039
✓ Sodium ascorbate, United States Pharmacopoeia (USP) Reference Standard	1613509-200MG
✓ Sodium benzoate, United States Pharmacopoeia (USP) Reference Standard	1613564-1G
✓ Sodium bicarbonate, United States Pharmacopoeia (USP) Reference Standard	1613655-3G
✓ Sodium bromide, United States Pharmacopoeia (USP) Reference Standard	1613597-1G
✓ Sodium butyrate, United States Pharmacopoeia (USP) Reference Standard	1613600-25MG
Sodium calcium edetate, European Pharmacopoeia (EP) Reference Standard	S0700000
✓ Sodium carbonate anhydrous, United States Pharmacopoeia (USP) Reference Standard	1613757-1G

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Sodium cetostearyl sulfate, European Pharmacopoeia (EP) Reference Standard	S0710000
✓ Sodium chloride, United States Pharmacopeia (USP) Reference Standard	1613804-1G
✓ Sodium citrate, United States Pharmacopeia (USP) Reference Standard	1613859-1G
Sodium cromoglicate, European Pharmacopoeia (EP) Reference Standard	S0750000
Sodium cromoglicate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001300
Sodium cyclamate, European Pharmacopoeia (EP) Reference Standard	S0760000
✓ Sodium cyclamate, United States Pharmacopeia (USP) Reference Standard	1613860-200MG
✓ Sodium 5-(diphenylphosphinoyl)pentanoate, United States Pharmacopeia (USP) Reference Standard	1237622-15MG
Sodium fusidate, European Pharmacopoeia (EP) Reference Standard	Y0001410
Sodium hyaluronate, BRP, European Pharmacopoeia (EP) Reference Standard	S0780000
✓ Sodium hyaluronate for IR Identification, United States Pharmacopeia (USP) Reference Standard	1614159-250MG
Sodium hyaluronate - reference spectrum, European Pharmacopoeia (EP)	S0781000
Sodium iodohippurate, European Pharmacopoeia (EP) Reference Standard	Y0001468
✓ Sodium iron EDTA, United States Pharmacopeia (USP) Reference Standard	1614239-200MG
✓ Sodium lactate, United States Pharmacopeia (USP) Reference Standard	1614308-200MG
Sodium laurilsulfate, European Pharmacopoeia (EP) Reference Standard	Y0000620
✓ Sodium lauryl sulfate, United States Pharmacopeia (USP) Reference Standard	1614363-1G
✓ Sodium D,L-malate, United States Pharmacopeia (USP) Reference Standard	1613881-50MG
✓ Sodium metabisulfite, United States Pharmacopeia (USP) Reference Standard	1614396-1G
✓ Sodium molybdate dihydrate, United States Pharmacopeia (USP) Reference Standard	1614421-200MG
✓ Sodium nitrite, United States Pharmacopeia (USP) Reference Standard	1614454-1G
✓ Sodium nitroprusside, United States Pharmacopeia (USP) Reference Standard	1614501-500MG
✓ Sodium D-pantoate, United States Pharmacopeia (USP) Reference Standard	1613928-100MG
Sodium phenylbutyrate, European Pharmacopoeia (EP) Reference Standard	Y0000808
✓ Sodium phenylbutyrate, United States Pharmacopeia (USP) Reference Standard	1614512-200MG
Sodium phenylbutyrate impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000809
Sodium picosulfate, European Pharmacopoeia (EP) Reference Standard	S0785000
✓ Sodium picosulfate, United States Pharmacopeia (USP) Reference Standard	1614578-50MG
✓ Sodium Picosulfate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1614589-20MG
Sodium polystyrene sulfonate - reference spectrum, European Pharmacopoeia (EP)	Y0000210
✓ Sodium propionate hydrate, United States Pharmacopeia (USP) Reference Standard	1614603-200MG
Sodium propionate - reference spectrum, European Pharmacopoeia (EP)	Y0000268
✓ Sodium salicylate, United States Pharmacopeia (USP) Reference Standard	1614636-500MG
Sodium salicylate, European Pharmacopoeia (EP) Reference Standard	S0800000
✓ Sodium Starch Glycolate Type A, United States Pharmacopeia (USP) Reference Standard	1614669-400MG

* Name	Catalog Number
✓ Sodium starch glycolate type B, United States Pharmacopeia (USP) Reference Standard	1614670-400MG
✓ Sodium stearyl fumarate, United States Pharmacopeia (USP) Reference Standard	1614705-200MG
Sodium stearyl fumarate, European Pharmacopoeia (EP) Reference Standard	S0808000
Sodium stearyl maleate, European Pharmacopoeia (EP) Reference Standard	S0808060
✓ Sodium sulfate anhydrous, United States Pharmacopeia (USP) Reference Standard	1614807-1G
✓ Sodium tartrate dihydrate, United States Pharmacopeia (USP) Reference Standard	1614909-4X500MG
Sodium taurocholate, BRP, European Pharmacopoeia (EP) Reference Standard	S0900000
✓ Sodium thiosulfate, United States Pharmacopeia (USP) Reference Standard	1615107-1G
✓ Sodium trifluoroacetate, United States Pharmacopeia (USP) Reference Standard	1615138-500MG
Sodium valproate, European Pharmacopoeia (EP) Reference Standard	S0930000
Solifenacin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001743
Solifenacin succinate, European Pharmacopoeia (EP) Reference Standard	Y0001763
Somatostatin, European Pharmacopoeia (EP) Reference Standard	S0945000
Somatropin, European Pharmacopoeia (EP) Reference Standard	S0947000
✓ Somatropin, United States Pharmacopeia (USP) Reference Standard	1615708-2.88MG
Somatropin/Desamidosomatropin Resolution Mixture, European Pharmacopoeia (EP) Reference Standard	Y0000711
Sorbic acid, European Pharmacopoeia (EP) Reference Standard	S0950000
✓ Sorbic acid, United States Pharmacopeia (USP) Reference Standard	1615956-1G
✓ 1,4-Sorbitan, United States Pharmacopeia (USP) Reference Standard	1616008-300MG
1,4-Sorbitan, European Pharmacopoeia (EP) Reference Standard	Y0000385
✓ Sorbitol, United States Pharmacopeia (USP) Reference Standard	1617000-125MG
Sorbitol, European Pharmacopoeia (EP) Reference Standard	S1000000
✓ Sotalol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1617408-300MG
Sotalol hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000114
Sotalol impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000115
✓ Sotalol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1617419-50MG
✓ Sotalol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1617420-50MG
✓ Sotalol Related Compound C, United States Pharmacopeia (USP) Reference Standard	1617430-50MG
✓ Soybean oil, United States Pharmacopeia (USP) Reference Standard	1617500-1G
Spanish sage oil for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001011
Spectinomycin hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000597
Spectinomycin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000549
✓ Spectinomycin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1618003-200MG
Spectinomycin sulfate tetrahydrate, European Pharmacopoeia (EP) Reference Standard	Y0000655
Spike lavender oil, European Pharmacopoeia (EP) Reference Standard	Y0001126

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Spiramycin, European Pharmacopoeia (EP) Reference Standard	S1100000
Spirapril hydrochloride monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000381
Spirapril for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000332
✓ Spironolactone, United States Pharmacopeia (USP) Reference Standard	1619006-125MG
Spironolactone, European Pharmacopoeia (EP) Reference Standard	S1200000
Spironolactone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001295
✓ Spironolactone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1619017-100MG
✓ Spirulina, United States Pharmacopeia (USP) Reference Standard	1619185-2X100MG
✓ Squalane, United States Pharmacopeia (USP) Reference Standard	1619505-500MG
Squalane, European Pharmacopoeia (EP) Reference Standard	Y0000185
Standardised artichoke leaf dry extract, European Pharmacopoeia (EP) Reference Standard	Y0001091
✓ Stanazolol	1620005-200MG
Starch, BRP, European Pharmacopoeia (EP) Reference Standard	S1300000
Stavudine, European Pharmacopoeia (EP) Reference Standard	Y0000408
✓ Stavudine, United States Pharmacopeia (USP) Reference Standard	1620209-250MG
Stavudine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000421
Stavudine impurity I, European Pharmacopoeia (EP) Reference Standard	Y0001683
✓ Stavudine System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1620220-10MG
✓ Stearic acid, United States Pharmacopeia (USP) Reference Standard	1621008-500MG
Stearic acid, European Pharmacopoeia (EP) Reference Standard	S1340000
✓ Stearoyl polyoxyglycerides, United States Pharmacopeia (USP) Reference Standard	1621507-100MG
✓ Stearyl alcohol, United States Pharmacopeia (USP) Reference Standard	1622000-125MG
Stearyl alcohol, European Pharmacopoeia (EP) Reference Standard	S1350000
✓ Steviolbioside, United States Pharmacopeia (USP) Reference Standard	1622350-100MG
✓ Steviol Glycosides System Suitability, United States Pharmacopeia (USP) Reference Standard	1622317-50MG
✓ Stevioside, United States Pharmacopeia (USP) Reference Standard	1622408-30MG
St. John's wort standardised dry extract, European Pharmacopoeia (EP) Reference Standard	Y0001050
Streptokinase for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000868
Streptomycin sulfate, European Pharmacopoeia (EP) Reference Standard	S1400000
✓ Streptomycin sulfate, United States Pharmacopeia (USP) Reference Standard	1623003-200MG
Strychnine, European Pharmacopoeia (EP) Reference Standard	Y0001195
✓ Succinic acid, United States Pharmacopeia (USP) Reference Standard	1623411-100MG
✓ Succinylcholine chloride, United States Pharmacopeia (USP) Reference Standard	1623502-500MG
✓ Succinylmonocholine chloride, United States Pharmacopeia (USP) Reference Standard	1623604-125MG
Sucralfate, European Pharmacopoeia (EP) Reference Standard	Y0001324

* Name	Catalog Number
✓ Sucralose, United States Pharmacopeia (USP) Reference Standard	1623626-400MG
Sucralose, European Pharmacopoeia (EP) Reference Standard	Y0001344
Sucralose impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001342
✓ Sucromalt, United States Pharmacopeia (USP) Reference Standard	1623659-200MG
Sucrose, European Pharmacopoeia (EP) Reference Standard	S1600000
✓ Sucrose, United States Pharmacopeia (USP) Reference Standard	1623637-100MG
✓ Sucrose octaacetate, United States Pharmacopeia (USP) Reference Standard	1623615-500MG
✓ Sufentanil citrate, United States Pharmacopeia (USP) Reference Standard	1623648-25MG
Sufentanil citrate - reference spectrum, European Pharmacopoeia (EP)	S1609000
Sufentanil - reference spectrum, European Pharmacopoeia (EP)	S1608100
Sulbactam, European Pharmacopoeia (EP) Reference Standard	Y0000528
✓ Sulbactam, United States Pharmacopeia (USP) Reference Standard	1623670-250MG
Sulbactam for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000550
✓ Sulbactam Related Compound A, United States Pharmacopeia (USP) Reference Standard	1623749-15MG
✓ Sulbactam Related Compound D, United States Pharmacopeia (USP) Reference Standard	1623772-15MG
✓ Sulbactam Related Compound E, United States Pharmacopeia (USP) Reference Standard	1623783-15MG
✓ Sulbactam Related Compound F, United States Pharmacopeia (USP) Reference Standard	1623794-15MG
Sulbactam sodium, European Pharmacopoeia (EP) Reference Standard	Y0000529
✓ Sulconazole nitrate, United States Pharmacopeia (USP) Reference Standard	1623681-200MG
✓ Sulfabenzamide, United States Pharmacopeia (USP) Reference Standard	1623706-200MG
✓ Sulfacetamide, United States Pharmacopeia (USP) Reference Standard	1623808-300MG
Sulfacetamide sodium, European Pharmacopoeia (EP) Reference Standard	S1700000
✓ Sulfacetamide sodium, United States Pharmacopeia (USP) Reference Standard	1624006-500MG
✓ Sulfachlorpyridazine, United States Pharmacopeia (USP) Reference Standard	1624505-200MG
✓ Sulfadiazine, United States Pharmacopeia (USP) Reference Standard	1625009-200MG
Sulfadiazine, European Pharmacopoeia (EP) Reference Standard	S1800000
Sulfadiazine for identification of impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001480
Sulfadiazine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001469
✓ Sulfadimethoxine, United States Pharmacopeia (USP) Reference Standard	1626001-200MG
Sulfadimethoxine, European Pharmacopoeia (EP) Reference Standard	Y0001677
Sulfadimethoxine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001679
Sulfadimidine, European Pharmacopoeia (EP) Reference Standard	S1900000
Sulfadimidine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001495
Sulfadoxine, European Pharmacopoeia (EP) Reference Standard	S1950000
✓ Sulfadoxine, United States Pharmacopeia (USP) Reference Standard	1626500-200MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Sulfafurazole, European Pharmacopoeia (EP) Reference Standard	S1975000
Sulfaguanidine, European Pharmacopoeia (EP) Reference Standard	S1975600
Sulfamerazine, European Pharmacopoeia (EP) Reference Standard	S2000000
✓ Sulfamerazine, United States Pharmacopeia (USP) Reference Standard	1628007-500MG
✓ Sulfamethazine, United States Pharmacopeia (USP) Reference Standard	1629000-1G
Sulfamethizole, European Pharmacopoeia (EP) Reference Standard	S2050000
✓ Sulfamethizole, United States Pharmacopeia (USP) Reference Standard	1630009-200MG
✓ Sulfamethoxazole, United States Pharmacopeia (USP) Reference Standard	1631001-200MG
Sulfamethoxazole, European Pharmacopoeia (EP) Reference Standard	S2100000
✓ Sulfamethoxazole N ⁴ -glucoside, United States Pharmacopeia (USP) Reference Standard	1631500-25MG
Sulfamethoxazole impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000412
Sulfamethoxazole impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000413
✓ Sulfamethoxazole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1631511-15MG
✓ Sulfamethoxazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1631522-15MG
✓ Sulfamethoxazole Related Compound C, United States Pharmacopeia (USP) Reference Standard	1631533-15MG
✓ Sulfamethoxazole Related Compound F, United States Pharmacopeia (USP) Reference Standard	1631566-15MG
Sulfamethoxyppyridazine, European Pharmacopoeia (EP) Reference Standard	S2150000
✓ Sulfanilamide, United States Pharmacopeia (USP) Reference Standard	1632004-5G
Sulfanilamide, European Pharmacopoeia (EP) Reference Standard	S2151000
✓ Sulfanilamide Melting Point Standard, United States Pharmacopeia (USP) Reference Standard	1633007-1G
✓ Sulfanilic acid, United States Pharmacopeia (USP) Reference Standard	1633506-200MG
✓ Sulfapyridine, United States Pharmacopeia (USP) Reference Standard	1634000-200MG
Sulfapyridine, European Pharmacopoeia (EP) Reference Standard	S2159100
✓ Sulfapyridine Melting Point Standard, United States Pharmacopeia (USP) Reference Standard	1635002-1G
✓ Sulfaquinoxaline, United States Pharmacopeia (USP) Reference Standard	1635206-200MG
✓ Sulfaquinoxaline Related Compound A, United States Pharmacopeia (USP) Reference Standard	1635228-25MG
✓ Sulfasalazine, United States Pharmacopeia (USP) Reference Standard	1636005-125MG
Sulfasalazine derivative for resolution, European Pharmacopoeia (EP) Reference Standard	S2155010
Sulfathiazole, European Pharmacopoeia (EP) Reference Standard	S2158000
✓ Sulfathiazole, United States Pharmacopeia (USP) Reference Standard	1636504-350MG
Sulfipyrazone, European Pharmacopoeia (EP) Reference Standard	S2159000
✓ Sulfipyrazone, United States Pharmacopeia (USP) Reference Standard	1637008-200MG
Sulfipyrazone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001238
Sulfipyrazone impurity A, European Pharmacopoeia (EP) Reference Standard	S2159010
Sulfipyrazone impurity B, European Pharmacopoeia (EP) Reference Standard	S2159015

* Name	Catalog Number
✓ Sulfisoxazole, United States Pharmacopeia (USP) Reference Standard	1638000-200MG
Sulindac, European Pharmacopoeia (EP) Reference Standard	S2180000
✓ Sulindac, United States Pharmacopeia (USP) Reference Standard	1642008-200MG
✓ Sulindac Related Compound A, United States Pharmacopeia (USP) Reference Standard	1642019-20MG
✓ Sulindac Related Compound B, United States Pharmacopeia (USP) Reference Standard	1642020 -20MG
✓ Sulindac Related Compound C, United States Pharmacopeia (USP) Reference Standard	1642031-20MG
✓ Sulisobenzone, United States Pharmacopeia (USP) Reference Standard	1642100-500MG
Sulpiride, European Pharmacopoeia (EP) Reference Standard	S2190000
Sulpiride impurity A, European Pharmacopoeia (EP) Reference Standard	S2191000
Sulpiride impurity B, European Pharmacopoeia (EP) Reference Standard	S2192000
Sultamicillin, European Pharmacopoeia (EP) Reference Standard	Y0000530
Sultamicillin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000532
Sultamicillin tosilate, European Pharmacopoeia (EP) Reference Standard	Y0000531
✓ Sumatriptan, United States Pharmacopeia (USP) Reference Standard	1642154-50MG
Sumatriptan for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000027
Sumatriptan impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0000026
✓ Sumatriptan succinate, United States Pharmacopeia (USP) Reference Standard	1642201-200MG
Sumatriptan succinate, European Pharmacopoeia (EP) Reference Standard	Y0000022
✓ Sumatriptan Succinate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1642212-15MG
✓ Sumatriptan succinate Related Compound C, United States Pharmacopeia (USP) Reference Standard	1642223-50MG
✓ Sumatriptan succinate Related Impurities, United States Pharmacopeia (USP) Reference Standard	1642256-25MG
✓ Sunflower oil, United States Pharmacopeia (USP) Reference Standard	1642347-1G
✓ Suprofen, United States Pharmacopeia (USP) Reference Standard	1642507-200MG
Suxamethonium chloride, European Pharmacopoeia (EP) Reference Standard	S2200000
Suxibuzone, European Pharmacopoeia (EP) Reference Standard	S2400000
Suxibuzone impurity B, European Pharmacopoeia (EP) Reference Standard	S2400004
Suxibuzone impurity C, European Pharmacopoeia (EP) Reference Standard	S2400006
Swine erysipelas bacteria, serotyp 1 - for vaccines for veterinary use, BRP, European Pharmacopoeia (EP) Reference Standard	S5000001
Swine erysipelas bacteria, serotyp 2 - for vaccines for veterinary use, BRP, European Pharmacopoeia (EP) Reference Standard	S5000002
✓ Tacrine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1642700-500MG
✓ Tacrolimus, United States Pharmacopeia (USP) Reference Standard	1642802-150MG
✓ Tacrolimus 8-epimer, United States Pharmacopeia (USP) Reference Standard	1642824-15MG
✓ Tacrolimus 8-propyl analog, United States Pharmacopeia (USP) Reference Standard	1642835-15MG
✓ Tacrolimus Related Compound A, United States Pharmacopeia (USP) Reference Standard	1642813-15MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Tacrolimus System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1642857-10MG
Tadalafil, European Pharmacopoeia (EP) Reference Standard	Y0001417
✓ Tadalafil, United States Pharmacopeia (USP) Reference Standard	1642879-200MG
✓ Tagatose, United States Pharmacopeia (USP) Reference Standard	1642904-200MG
Talampicillin hydrochloride, European Pharmacopoeia (EP) Reference Standard	T0010000
Tamoxifen citrate, European Pharmacopoeia (EP) Reference Standard	T0014000
✓ Tamoxifen citrate, United States Pharmacopeia (USP) Reference Standard	1643306-200MG
Tamoxifen citrate for performance test, European Pharmacopoeia (EP) Reference Standard	T0015000
Tamsulosin hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000650
✓ Tamsulosin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1643260-200MG
Tamsulosin impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000651
Tamsulosin impurity H, European Pharmacopoeia (EP) Reference Standard	Y0000652
Tamsulosin Racemate, European Pharmacopoeia (EP) Reference Standard	Y0000653
✓ Tannic acid, United States Pharmacopeia (USP) Reference Standard	1643328-2G
Tanshinone IIA, European Pharmacopoeia (EP) Reference Standard	Y0001560
✓ Tanshinone IIA, United States Pharmacopeia (USP) Reference Standard	1643339-20MG
✓ Tartaric acid, United States Pharmacopeia (USP) Reference Standard	1643340-1G
✓ Taurine, United States Pharmacopeia (USP) Reference Standard	1643361-100MG
✓ Tazobactam, United States Pharmacopeia (USP) Reference Standard	1643383-200MG
✓ Tazobactam Related Compound A, United States Pharmacopeia (USP) Reference Standard	1643394-20MG
Teicoplanin, European Pharmacopoeia (EP) Reference Standard	Y0001102
Teicoplanin for identification, European Pharmacopoeia (EP) Reference Standard	Y0001047
Telmisartan, European Pharmacopoeia (EP) Reference Standard	Y0000648
✓ Telmisartan, United States Pharmacopeia (USP) Reference Standard	1643419-200MG
Telmisartan for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000649
Telmisartan for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001003
✓ Telmisartan Related Compound A, United States Pharmacopeia (USP) Reference Standard	1643420-20MG
✓ Telmisartan Related Compound B, United States Pharmacopeia (USP) Reference Standard	1643437-15MG
✓ Temazepam, United States Pharmacopeia (USP) Reference Standard	1643408-200MG
Temazepam impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000344-1EA Y0000344
Temazepam impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000345-1EA Y0000345
Temazepam impurity F, European Pharmacopoeia (EP) Reference Standard	Y0000346
Temazepam impurity G, European Pharmacopoeia (EP) Reference Standard	Y0000347
✓ Temazepam Related Compound A, United States Pharmacopeia (USP) Reference Standard	1644319-15MG
✓ Temazepam Related Compound F, United States Pharmacopeia (USP) Reference Standard	1644364-15MG

* Name	Catalog Number
✓ Temazepam Related Compound G, United States Pharmacopeia (USP) Reference Standard	1646375-15MG
✓ Temozolomide, United States Pharmacopeia (USP) Reference Standard	1643543-200MG
✓ Temozolomide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1643554-15MG
✓ Temozolomide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1643565-15MG
✓ Temozolomide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1643576-15MG
✓ Tenivastatin Calcium, United States Pharmacopeia (USP) Reference Standard	1612719-30MG
✓ Tenofovir, United States Pharmacopeia (USP) Reference Standard	1643601-15MG
✓ Tenofovir disoproxil fumarate, United States Pharmacopeia (USP) Reference Standard	1643656-200MG
✓ Tenofovir disoproxil Related Compound A, United States Pharmacopeia (USP) Reference Standard	1643612-10MG
✓ Tenofovir disoproxil Related Compound B, United States Pharmacopeia (USP) Reference Standard	1643623-10MG
✓ Tenofovir disoproxil Related Compound F, United States Pharmacopeia (USP) Reference Standard	1643667-15MG
✓ Tenofovir disoproxil Related Compound G, United States Pharmacopeia (USP) Reference Standard	1643678-15MG
Tenoxicam, European Pharmacopoeia (EP) Reference Standard	T0040800
Tenoxicam impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001114
✓ Terazosin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1643452-200MG
Terazosin hydrochloride dihydrate, European Pharmacopoeia (EP) Reference Standard	Y0000621
Terazosin for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000666
Terazosin impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000622
Terazosin impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000665
Terazosin impurity L, European Pharmacopoeia (EP) Reference Standard	Y0000623
Terazosin impurity N, European Pharmacopoeia (EP) Reference Standard	Y0000624
✓ Terazosin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1643463-50MG
✓ Terazosin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1643474-50MG
✓ Terazosin Related Compound C, United States Pharmacopeia (USP) Reference Standard	1643485-25MG
Terbinafine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000535
✓ Terbinafine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1643496-200MG
Terbinafine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001143
✓ Terbinafine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1424608-25MG
✓ Terbinafine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1353215-25MG
✓ Terbinafine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1437701-25MG
Terbutaline impurity C, European Pharmacopoeia (EP) Reference Standard	T0050015
✓ Terbutaline Related Compound A, United States Pharmacopeia (USP) Reference Standard	1643510-50MG
Terbutaline sulfate, European Pharmacopoeia (EP) Reference Standard	T0050000
✓ Terbutaline sulfate, United States Pharmacopeia (USP) Reference Standard	1643500-125MG
✓ Terconazole, United States Pharmacopeia (USP) Reference Standard	1643703-200MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

*	Name	Catalog Number
	Terconazole, European Pharmacopoeia (EP) Reference Standard	T0600000
✓	Terfenadine, United States Pharmacopeia (USP) Reference Standard	1643805-200MG
	Terfenadine, European Pharmacopoeia (EP) Reference Standard	T0071000
	Terfenadine impurity A, European Pharmacopoeia (EP) Reference Standard	T0080000
✓	Terfenadine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1643907-100MG
✓	Terfenadine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1643929-50MG
✓	Teriparatide, United States Pharmacopeia (USP) Reference Standard	1643962-1MG
✓	Terpin hydrate, United States Pharmacopeia (USP) Reference Standard	1644003-750MG
✓	Testolactone, United States Pharmacopeia (USP) Reference Standard	1645006-125MG
	Testosterone, European Pharmacopoeia (EP) Reference Standard	T0100000
	Testosterone caproate, European Pharmacopoeia (EP) Reference Standard	T0210000
✓	Testosterone cypionate, United States Pharmacopeia (USP) Reference Standard	1647001-200MG
	Testosterone decanoate, European Pharmacopoeia (EP) Reference Standard	T0240000
	Testosterone decanoate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000696
	Testosterone enantate, European Pharmacopoeia (EP) Reference Standard	T0250000
	Testosterone enantate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001312
	Testosterone enantate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001317
	Testosterone enantate impurity H, European Pharmacopoeia (EP) Reference Standard	Y0001313
✓	Testosterone enanthate, United States Pharmacopeia (USP) Reference Standard	1648004-200MG
	Testosterone for impurity D identification, European Pharmacopoeia (EP) Reference Standard	Y0000342
	Testosterone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000343
	Testosterone isocaproate, European Pharmacopoeia (EP) Reference Standard	T0260000
	Testosterone isocaproate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000716
✓	Testosterone propionate, United States Pharmacopeia (USP) Reference Standard	1649007-200MG
	Testosterone propionate, European Pharmacopoeia (EP) Reference Standard	T0300000
	Testosterone propionate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001409
	Tetanus vaccine (adsorbed), European Pharmacopoeia (EP) Reference Standard	T0400000
	Tetra-O-acetyl-mannose triflate, European Pharmacopoeia (EP) Reference Standard	Y0001087
✓	Tetracaine, United States Pharmacopeia (USP) Reference Standard	1649991-50MG
✓	Tetracaine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1650006-200MG
	Tetracaine hydrochloride, European Pharmacopoeia (EP) Reference Standard	T0500000
	Tetracaine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001002
✓	Tetracaine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1650017-25MG
✓	Tetracaine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1650028-25MG
✓	Tetracycline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1651009-200MG

*	Name	Catalog Number
	Tetracycline hydrochloride, European Pharmacopoeia (EP) Reference Standard	T0600000
	Tetrahydrozoline hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000460
✓	Tetrahydrozoline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1652001-200MG
	Tetrandrine, European Pharmacopoeia (EP) Reference Standard	Y0001165
	Tetrazepam impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000008
	Tetrazepam - reference spectrum, European Pharmacopoeia (EP)	Y0000015
✓	Thalidomide, United States Pharmacopeia (USP) Reference Standard	1652500-200MG
✓	L-Theanine, United States Pharmacopeia (USP) Reference Standard	1652704-200MG
	Theobromine, European Pharmacopoeia (EP) Reference Standard	T0700000
✓	Theophylline, certified reference material, United States Pharmacopeia (USP) Reference Standard	1653004-200MG
	Theophylline, European Pharmacopoeia (EP) Reference Standard	T0800000
✓	Theophylline melting point standard, United States Pharmacopeia (USP) Reference Standard	1653117-500MG
	Theophylline - reference spectrum, European Pharmacopoeia (EP)	Y0000294
✓	Theophylline Related Compound B, United States Pharmacopeia (USP) Reference Standard	1653026-25MG
✓	Theophylline Related Compound C, United States Pharmacopeia (USP) Reference Standard	1653037-25MG
✓	Theophylline Related Compound D, United States Pharmacopeia (USP) Reference Standard	1653048-30MG
✓	Theophylline Related Compound F, United States Pharmacopeia (USP) Reference Standard	1653060-25MG
✓	Thiabendazole, United States Pharmacopeia (USP) Reference Standard	1655000-100MG
	Thiamazole, European Pharmacopoeia (EP) Reference Standard	Y0000336
	Thiamazole impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000372
	Thiamazole impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000373
✓	Thiamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1656002-500MG
	Thiamine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000467
	Thiamine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001749
	Thiamine nitrate, European Pharmacopoeia (EP) Reference Standard	Y0001758
	Thiamine nitrate - reference spectrum, European Pharmacopoeia (EP)	Y0000060
	Thiamphenicol, European Pharmacopoeia (EP) Reference Standard	T1100000
✓	Thiethylperazine maleate, United States Pharmacopeia (USP) Reference Standard	1658008-200MG
	Thimerosal, European Pharmacopoeia (EP) Reference Standard	Y0000109
✓	Thimerosal, United States Pharmacopeia (USP) Reference Standard	1659000-500MG
✓	Thimerosal Related Compound A, United States Pharmacopeia (USP) Reference Standard	1659001-50MG
	Thiocolchicoside hydrate, European Pharmacopoeia (EP) Reference Standard	Y0001789
	Thioctic acid, European Pharmacopoeia (EP) Reference Standard	Y0000546
	Thioctic acid containing impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000545
	Thioctic acid for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000592

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Thioguanine, United States Pharmacopeia (USP) Reference Standard	1660000-200MG
✓ Thiopental, United States Pharmacopeia (USP) Reference Standard	1661002-250MG
✓ Thioridazine, United States Pharmacopeia (USP) Reference Standard	1662504-200MG
Thioridazine hydrochloride, European Pharmacopoeia (EP) Reference Standard	T1300000
✓ Thioridazine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1663008-200MG
Thioridazine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000541
✓ Thioridazine Related Compound F, United States Pharmacopeia (USP) Reference Standard	1663063-20MG
✓ Thiostrepton	1663700-200MG
✓ Thiotepa, United States Pharmacopeia (USP) Reference Standard	1664000-500MG
✓ Thiothixene, United States Pharmacopeia (USP) Reference Standard	1665003-250MG
✓ (E)-Thiothixene, United States Pharmacopeia (USP) Reference Standard	1666006-100MG
Thioxanthene, European Pharmacopoeia (EP) Reference Standard	T1305100
Thioxanthone, European Pharmacopoeia (EP) Reference Standard	T1305000
✓ Thonzonium bromide, United States Pharmacopeia (USP) Reference Standard	1667100-200MG
✓ L-Threonine, United States Pharmacopeia (USP) Reference Standard	1667202-200MG
L-Threonine, European Pharmacopoeia (EP) Reference Standard	T1340000
Thymol, European Pharmacopoeia (EP) Reference Standard	T1350000
✓ Thymol, United States Pharmacopeia (USP) Reference Standard	1667213-500MG
Tiabendazole, European Pharmacopoeia (EP) Reference Standard	T1410000
✓ Tiagabine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1667280-300MG
✓ Tiagabine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1667224-15MG
✓ Tiamulin, United States Pharmacopeia (USP) Reference Standard	1667355-100MG
Tiamulin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000414
✓ Tiamulin fumarate, United States Pharmacopeia (USP) Reference Standard	1667290-250MG
Tiamulin hydrogen fumarate, European Pharmacopoeia (EP) Reference Standard	Y0000333
Tiamulin - reference spectrum, European Pharmacopoeia (EP)	Y0000379
✓ Tiamulin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1667337-50MG
Tianeptine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000152
Tianeptine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000153
Tianeptine sodium - reference spectrum, European Pharmacopoeia (EP)	Y0000151
Tiapride hydrochloride, European Pharmacopoeia (EP) Reference Standard	T1405000
Tiapride N-oxide, European Pharmacopoeia (EP) Reference Standard	T1405050
Tiaprofenic acid, European Pharmacopoeia (EP) Reference Standard	T1410900
Tiaprofenic acid impurity C, European Pharmacopoeia (EP) Reference Standard	T1410910
Tibolone for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000668

* Name	Catalog Number
Tibolone - reference spectrum, European Pharmacopoeia (EP)	Y0000748
Ticarcillin impurity A, European Pharmacopoeia (EP) Reference Standard	T1420010
Ticarcillin monosodium, European Pharmacopoeia (EP) Reference Standard	Y0000465
✓ Ticarcillin monosodium monohydrate, United States Pharmacopeia (USP) Reference Standard	1667304-350MG
Ticlopidine hydrochloride, European Pharmacopoeia (EP) Reference Standard	T1423000
✓ Ticlopidine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1667144-150MG
Ticlopidine impurity F, European Pharmacopoeia (EP) Reference Standard	T1423025
✓ Ticlopidine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1667155-20MG
✓ Ticlopidine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1667166-20MG
✓ Tigecycline, United States Pharmacopeia (USP) Reference Standard	1667643-300MG
✓ Tigecycline Related Compound B, United States Pharmacopeia (USP) Reference Standard	1667665-25MG
✓ Tiletamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1667359-200MG
Tilidine hydrochloride hemihydrate - reference spectrum, European Pharmacopoeia (EP)	Y0000325
✓ Tilmicosin, United States Pharmacopeia (USP) Reference Standard	1667370-250MG
(R)-Timolol, European Pharmacopoeia (EP) Reference Standard	Y0000644
Timolol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001270
✓ Timolol maleate, United States Pharmacopeia (USP) Reference Standard	1667406-200MG
Timolol maleate, European Pharmacopoeia (EP) Reference Standard	T1450000
✓ Timolol Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1667315-20MG
✓ Timolol Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1667326-20MG
✓ Timolol Related Compound D, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1667369-20MG
✓ Timolol Related Compound E, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1667443-20MG
✓ Timolol Related Compound F, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1667348-20MG
Tinidazole, European Pharmacopoeia (EP) Reference Standard	T1470000
✓ Tinidazole, United States Pharmacopeia (USP) Reference Standard	1667520-200MG
Tinidazole impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000899
Tinidazole impurity B, European Pharmacopoeia (EP) Reference Standard	T1471000
✓ Tinidazole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1667530-100MG
✓ Tinidazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1667541-20MG
Tinzaparin sodium, European Pharmacopoeia (EP) Reference Standard	T1490000
✓ Tioconazole, United States Pharmacopeia (USP) Reference Standard	1667439-200MG
Tioconazole for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000282
Tioconazole - reference spectrum, European Pharmacopoeia (EP)	Y0000292
✓ Tioconazole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1667450-25MG
✓ Tioconazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1667461-25MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Tiotropium bromide monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0001188
Tiotropium for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001189
Tiotropium impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001216
Tiotropium impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001179
✓ Titanium dioxide, United States Pharmacopeia (USP) Reference Standard	1667585-2G
✓ Tizanidine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1667905-200MG
Tizanidine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0001700
✓ Tizanidine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1667916-50MG
✓ Tizanidine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1667924-50MG
✓ Tizanidine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1667938-50MG
Tobramycin, European Pharmacopoeia (EP) Reference Standard	T1500000
✓ Tobramycin, United States Pharmacopeia (USP) Reference Standard	1667508-350MG
Tobramycin for identification, European Pharmacopoeia (EP) Reference Standard	Y0001210
✓ Tocainide hydrochloride, United States Pharmacopeia (USP) Reference Standard	1667552-125MG
α-Tocopherol, European Pharmacopoeia (EP) Reference Standard	T1550000
α-Tocopherol acetate, European Pharmacopoeia (EP) Reference Standard	T1600000
✓ Tolazamide, United States Pharmacopeia (USP) Reference Standard	1668001-200MG
✓ Tolazoline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1669004-300MG
Tolbutamide, European Pharmacopoeia (EP) Reference Standard	T1700000
✓ Tolbutamide, United States Pharmacopeia (USP) Reference Standard	1670003-200MG
✓ Tolcapone, United States Pharmacopeia (USP) Reference Standard	1670207-200MG
✓ Tolcapone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1670218-25MG
✓ Tolcapone Related Compound B, United States Pharmacopeia (USP) Reference Standard	1670229-25MG
Tolfenamic acid, European Pharmacopoeia (EP) Reference Standard	Y0000154
✓ Tolmetin sodium, United States Pharmacopeia (USP) Reference Standard	1670502-500MG
✓ Tolnaftate, United States Pharmacopeia (USP) Reference Standard	1671006-200MG
Tolnaftate, European Pharmacopoeia (EP) Reference Standard	T1707000
Tolnaftate for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001123
✓ Tolerodine S-Enantiomer, United States Pharmacopeia (USP) Reference Standard	1671468-15MG
Tolerodine for system suitability	Y0001697
✓ Tolerodine System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1671479-15MG
Tolerodine tartrate	Y0001696
✓ Tolerodine tartrate, United States Pharmacopeia (USP) Reference Standard	1671480-200MG
✓ o-Toluenesulfonamide, United States Pharmacopeia (USP) Reference Standard	1672010-200MG
✓ p-Toluenesulfonamide, United States Pharmacopeia (USP) Reference Standard	1672020-200MG
✓ Tomato Extract Containing Lycopene, United States Pharmacopeia (USP) Reference Standard	1672100-1G

* Name	Catalog Number
✓ Topiramate, United States Pharmacopeia (USP) Reference Standard	1672206-150MG
✓ Topiramate Related Compound A, United States Pharmacopeia (USP) Reference Standard	1672210-25MG
✓ Topotecan hydrochloride, United States Pharmacopeia (USP) Reference Standard	1672257-350MG
✓ Topotecan Related Compound A, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1672268-25MG
✓ Topotecan Related Compound C, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1672280-25MG
Toraseamide anhydrous, European Pharmacopoeia (EP) Reference Standard	Y0000461
Toraseamide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000462
Toraseamide impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001366
✓ Torsemide, United States Pharmacopeia (USP) Reference Standard	1672304-200MG
✓ Torsemide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1672315-75MG
✓ Torsemide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1672326-50MG
✓ Torsemide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1672337-30MG
✓ Torsemide Related Compound E, United States Pharmacopeia (USP) Reference Standard	1672359-20MG
✓ Tramadol hydrochloride, United States Pharmacopeia (USP) Reference Standard	1672600-100MG
Tramadol impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000157
✓ Tramadol Related Compound A, United States Pharmacopeia (USP) Reference Standard	1672610-25MG
✓ Tramadol Related Compound B, United States Pharmacopeia (USP) Reference Standard	1672621-25MG
Tramazoline hydrochloride monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0000072
Tramazoline impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000065
Tramazoline impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000066
Trandolapril, European Pharmacopoeia (EP) Reference Standard	Y0000501
✓ Trandolapril, United States Pharmacopeia (USP) Reference Standard	1672687-125MG
Trandolapril impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000495
Trandolapril impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000496
✓ Trandolapril Related Compound A, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1672698-25MG
✓ Trandolapril Related Compound C, United States Pharmacopeia (USP) Reference Standard	1672701-25MG
✓ Trandolapril Related Compound D, United States Pharmacopeia (USP) Reference Standard	1672712-25MG
✓ Trandolapril Related Compound E, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1672723-25MG
✓ Tranexamic acid, United States Pharmacopeia (USP) Reference Standard	1672745-200MG
Tranexamic acid, European Pharmacopoeia (EP) Reference Standard	T1810000
✓ Tranexamic acid Related Compound C, United States Pharmacopeia (USP) Reference Standard	1672756-15MG
✓ Trans-Lamivudine	1357362-25MG
✓ Transplatin, United States Pharmacopeia (USP) Reference Standard	1672803-25MG
✓ Tranylcypromine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1672916-40MG
✓ Tranylcypromine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1672927-40MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Tranylcypromine sulfate, United States Pharmacopeia (USP) Reference Standard	1672905-125MG
Trapidil, European Pharmacopoeia (EP) Reference Standard	T1820000
Trapidil impurity A, European Pharmacopoeia (EP) Reference Standard	T1820002
Trapidil impurity B, European Pharmacopoeia (EP) Reference Standard	T1820004
✓ Travoprost, United States Pharmacopeia (USP) Reference Standard	1673001-3ML
✓ Travoprost Related Compound A, United States Pharmacopeia (USP) Reference Standard	1673012-1.5ML
✓ Trazodone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1673500-200MG
✓ Trazodone Related Compound C, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1673533-20MG
✓ Trazodone Related Compound D, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1673544-20MG
✓ Trazodone Related Compound F, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1673566-25MG
✓ Trehalose, United States Pharmacopeia (USP) Reference Standard	1673715-400MG
Trehalose dihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001172
✓ Trenbolone acetate, United States Pharmacopeia (USP) Reference Standard	1673828-200MG
✓ Trenbolone Acetate System Suitability Mixture, United States Pharmacopeia (USP) Reference Standard	1673839-30MG
✓ Tretinoin, United States Pharmacopeia (USP) Reference Standard	1674004-5X30MG
Tretinoin, European Pharmacopoeia (EP) Reference Standard	T1850000
✓ Triacetin, United States Pharmacopeia (USP) Reference Standard	1675007-1G
Triacetin - reference spectrum, European Pharmacopoeia (EP)	G0400010
Triamcinolone, European Pharmacopoeia (EP) Reference Standard	T1899990
✓ Triamcinolone, United States Pharmacopeia (USP) Reference Standard	1676000-250MG
✓ Triamcinolone acetonide, United States Pharmacopeia (USP) Reference Standard	1677002-500MG
Triamcinolone acetonide, European Pharmacopoeia (EP) Reference Standard	T1900000
Triamcinolone acetonide for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001459
✓ Triamcinolone acetonide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1679020-15MG
✓ Triamcinolone acetonide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1679037-15MG
✓ Triamcinolone diacetate, United States Pharmacopeia (USP) Reference Standard	1678005-350MG
Triamcinolone hexacetonide, European Pharmacopoeia (EP) Reference Standard	T1950000
✓ Triamcinolone hexacetonide, United States Pharmacopeia (USP) Reference Standard	1679008-200MG
Triamcinolone impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000050
✓ Triamterene, United States Pharmacopeia (USP) Reference Standard	1680007-200MG
Triamterene, European Pharmacopoeia (EP) Reference Standard	Y0000837
Triamterene impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000870
✓ Triamterene Related Compound A, United States Pharmacopeia (USP) Reference Standard	1680018-50MG
✓ Triamterene Related Compound B, United States Pharmacopeia (USP) Reference Standard	1680029-50MG
✓ Triamterene Related Compound C, United States Pharmacopeia (USP) Reference Standard	1680030-50MG

* Name	Catalog Number
✓ Tribasic calcium phosphate, United States Pharmacopeia (USP) Reference Standard	1087031-1G
Tribenoside, European Pharmacopoeia (EP) Reference Standard	Y0000165
Tribenoside impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000166
Tribenoside impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001628
Tributyl acetyl citrate, European Pharmacopoeia (EP) Reference Standard	Y0001055
Tributyl acetyl citrate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000799
✓ Tributyl citrate, United States Pharmacopeia (USP) Reference Standard	1680608-500MG
Tri- <i>n</i> -butyl phosphate, European Pharmacopoeia (EP) Reference Standard	Y0000279
✓ Tributyl phosphine oxide, United States Pharmacopeia (USP) Reference Standard	1680685-25MG
Tricaprin, European Pharmacopoeia (EP) Reference Standard	T1977990
Tricaprin, European Pharmacopoeia (EP) Reference Standard	T1977995
Tricaprylin, European Pharmacopoeia (EP) Reference Standard	T1978000
✓ Trichlorfon, United States Pharmacopeia (USP) Reference Standard	1680801-200MG
✓ Trichlormethiazide, United States Pharmacopeia (USP) Reference Standard	1681000-200MG
Trichloroacetic acid - reference spectrum, European Pharmacopoeia (EP)	Y0000111
Trichlorotrifluoroethane, European Pharmacopoeia (EP) Reference Standard	T1985000
Triclabendazole, European Pharmacopoeia (EP) Reference Standard	Y0001737
Triclabendazole for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001723
✓ Triclocarban, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1681800-200MG
✓ Triclocarban Related Compound A, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1681815-15MG
✓ Triclocarban Related Compound C, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1681845-15MG
✓ Triclocarban Related Compound D Mixture, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1681856-15MG
✓ Triclosan, United States Pharmacopeia (USP) Reference Standard	1682206-200MG
✓ Triclosan Related Compounds Mixture A, United States Pharmacopeia (USP) Reference Standard	1682217-3X1.2ML
✓ Tridihexethyl chloride, United States Pharmacopeia (USP) Reference Standard	1683005-200MG
✓ Trientine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1683504-200MG
✓ Triethylamine, United States Pharmacopeia (USP) Reference Standard	1683559-4X2ML
✓ Triethyl citrate, United States Pharmacopeia (USP) Reference Standard	1683606-500MG
Triethyl citrate - reference spectrum, European Pharmacopoeia (EP)	T1986000
✓ Triethylene glycol, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1683708-0.5ML
✓ Trifluoperazine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1685000-200MG
Trifluoperazine hydrochloride, European Pharmacopoeia (EP) Reference Standard	T2000000
✓ 2-[<i>N</i> -(2,2,2-Trifluoroethyl)amino]-5-chlorobenzophenone, United States Pharmacopeia (USP) Reference Standard	1685500-25MG
✓ Triflupromazine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1686003-200MG
✓ Trifluridine, United States Pharmacopeia (USP) Reference Standard	1686309-100MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Trifluridine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1686310-10MG
Triflusal, European Pharmacopoeia (EP) Reference Standard	T2005000
Triflusal impurity B, European Pharmacopoeia (EP) Reference Standard	T2005010
Triglycerol diisostearate, European Pharmacopoeia (EP) Reference Standard	Y0000720
✓ Trigonella Foenum-graecum Seed Dry Extract, United States Pharmacopeia (USP) Reference Standard	1270231-1G
✓ Trigonelline, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1686411-20MG
Trihexyphenidyl hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000108
✓ Trihexyphenidyl hydrochloride, United States Pharmacopeia (USP) Reference Standard	1687006-200MG
Trihexyphenidyl impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000068
✓ Trihexyphenidyl Related Compound A, United States Pharmacopeia (USP) Reference Standard	1687017-20MG
Trilaurin, European Pharmacopoeia (EP) Reference Standard	T2009000
Trimebutine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001260
Trimebutine maleate, European Pharmacopoeia (EP) Reference Standard	Y0001319
✓ Trimeprazine tartrate, United States Pharmacopeia (USP) Reference Standard	1689001-200MG
Trimetazidine dihydrochloride - reference spectrum, European Pharmacopoeia (EP)	Y0000092
Trimetazidine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000093
Trimethadione, European Pharmacopoeia (EP) Reference Standard	T2100000
✓ Trimethadione, United States Pharmacopeia (USP) Reference Standard	1690000-200MG
✓ Trimethobenzamide hydrochloride, United States Pharmacopeia (USP) Reference Standard	1692006-200MG
✓ Trimethoprim, United States Pharmacopeia (USP) Reference Standard	1692505-300MG
Trimethoprim, European Pharmacopoeia (EP) Reference Standard	T2200000
Trimethoprim for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000684
Trimethoprim impurity B, European Pharmacopoeia (EP) Reference Standard	T2200010
✓ Trimethoprim Related Compound A, United States Pharmacopeia (USP) Reference Standard	1692516-25MG
✓ Trimethoprim Related Compound B, United States Pharmacopeia (USP) Reference Standard	1692527-25MG
3-(Trimethylsilyl)-1-propanesulfonic acid sodium salt, European Pharmacopoeia (EP) Reference Standard	Y0001497
Trimethyltetradecylammonium bromide, European Pharmacopoeia (EP) Reference Standard	T2450000
Trimipramine for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000759
✓ Trimipramine maleate, United States Pharmacopeia (USP) Reference Standard	1692709-100MG
Trimipramine maleate, European Pharmacopoeia (EP) Reference Standard	T2500000
✓ Trimipramine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1692710-25MG
Trimyrustin, European Pharmacopoeia (EP) Reference Standard	T2500100
Triolein, European Pharmacopoeia (EP) Reference Standard	Y0001113
✓ Trioxsalen, United States Pharmacopeia (USP) Reference Standard	1693009-200MG
✓ Tripelennamine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1695004-200MG

* Name	Catalog Number
✓ Triphenylmethanol, United States Pharmacopeia (USP) Reference Standard	1695343-50MG
✓ Tripolidine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1696007-300MG
✓ Tripolidine hydrochloride Z-Isomer, United States Pharmacopeia (USP) Reference Standard	1696109-50MG
✓ Trisalicyclic acid, United States Pharmacopeia (USP) Reference Standard	1696200-100MG
Tristearin, European Pharmacopoeia (EP) Reference Standard	T2501200
✓ Tritricosanoin, United States Pharmacopeia (USP) Reference Standard	1696153-50MG
Trolamine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001184
Trolamine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001183
Trometamol, European Pharmacopoeia (EP) Reference Standard	T2550000
✓ Tromethamine, United States Pharmacopeia (USP) Reference Standard	1698002-125MG
Tropicamide, European Pharmacopoeia (EP) Reference Standard	T2580000
✓ Tropicamide, United States Pharmacopeia (USP) Reference Standard	1699005-200MG
Tropicamide for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001316
Tropicamide impurity C, European Pharmacopoeia (EP) Reference Standard	Y0001247
✓ Tropicamide Related Compound A, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1699016-100MG
✓ Tropicamide Related Compound B, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1699027-50MG
✓ Tropicamide Related Compound C, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1699038-25MG
✓ Tropicamide Related Compound D, UNITED STATES PHARMACOPEIA (USP) REFERENCE STANDARD	1699049-15MG
Tropine, European Pharmacopoeia (EP) Reference Standard	T2580300
Tropisetron hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000616
Tropisetron impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000618
Trospium chloride, European Pharmacopoeia (EP) Reference Standard	Y0000429
✓ Trospium chloride, United States Pharmacopeia (USP) Reference Standard	1699300-100MG
✓ Trospium chloride Related Compound A, United States Pharmacopeia (USP) Reference Standard	1699311-20MG
✓ Trospium chloride Related Compound B, United States Pharmacopeia (USP) Reference Standard	1699322-20MG
✓ Trospium chloride Related Compound C, United States Pharmacopeia (USP) Reference Standard	1699333-20MG
Trospium impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000432
Trospium impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000431
Trospium impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000430
Troxerutin, European Pharmacopoeia (EP) Reference Standard	Y0000497
Trypsin, BRP, European Pharmacopoeia (EP) Reference Standard	T2600000
✓ Trypsin crystallized, United States Pharmacopeia (USP) Reference Standard	1700002-300MG
✓ Trypsin Recombinant Porcine, United States Pharmacopeia (USP) Reference Standard	1700013-2X1ML
Tryptophan, European Pharmacopoeia (EP) Reference Standard	T2610000
✓ L-Tryptophan, United States Pharmacopeia (USP) Reference Standard	1700501-200MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Tryptophan Related Compound A, United States Pharmacopeia (USP) Reference Standard	1700512-15MG
✓ Tryptophan Related Compound B, United States Pharmacopeia (USP) Reference Standard	1700523-25MG
✓ Tubocurarine chloride, United States Pharmacopeia (USP) Reference Standard	1702008-175MG
Tylosin, European Pharmacopoeia (EP) Reference Standard	T2880000
✓ Tylosin, United States Pharmacopeia (USP) Reference Standard	1703805-250MG
Tylosin D, European Pharmacopoeia (EP) Reference Standard	T2880100
Tylosin phosphate for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000498
✓ Tylosin tartrate, United States Pharmacopeia (USP) Reference Standard	1703850-100MG
Tylosin tartrate - reference spectrum, European Pharmacopoeia (EP)	T2880200
✓ Tyloxapol, United States Pharmacopeia (USP) Reference Standard	1704003-600MG
Tyrosine, European Pharmacopoeia (EP) Reference Standard	T2900000
✓ L-Tyrosine, United States Pharmacopeia (USP) Reference Standard	1705006-500MG
Tyrothricin, European Pharmacopoeia (EP) Reference Standard	T3000000
✓ Ubidecarenone, United States Pharmacopeia (USP) Reference Standard	1705301-200MG
Ubidecarenone, European Pharmacopoeia (EP) Reference Standard	U0020000
Ubidecarenone for system suitability, European Pharmacopoeia (EP) Reference Standard	U0020001
✓ Ubidecarenone for System Suitability, United States Pharmacopeia (USP) Reference Standard	1705312-25MG
Ubidecarenone impurity D, European Pharmacopoeia (EP) Reference Standard	U0020008
✓ Ubidecarenone Related Compound A, United States Pharmacopeia (USP) Reference Standard	1705323-15MG
✓ Ubiquinol, United States Pharmacopeia (USP) Reference Standard	1705334-5X50MG
✓ Undecylenic acid, United States Pharmacopeia (USP) Reference Standard	1705505-200MG
✓ Uracil, United States Pharmacopeia (USP) Reference Standard	1705753-15MG
Uracil arabinoside, European Pharmacopoeia (EP) Reference Standard	U0100000
✓ Uracil arabinoside, United States Pharmacopeia (USP) Reference Standard	1705800-50MG
✓ Urea, United States Pharmacopeia (USP) Reference Standard	1706698-200MG
Urea, European Pharmacopoeia (EP) Reference Standard	U0600000
✓ Urea C 13, United States Pharmacopeia (USP) Reference Standard	1706701-150MG
✓ Uridine, United States Pharmacopeia (USP) Reference Standard	1707114-15MG
Ursodeoxycholic acid, European Pharmacopoeia (EP) Reference Standard	U0800000
Ursodeoxycholic acid for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001163
✓ Ursodiol, United States Pharmacopeia (USP) Reference Standard	1707806-125MG
Ursolic acid, European Pharmacopoeia (EP) Reference Standard	Y0001523
✓ Ursolic acid, United States Pharmacopeia (USP) Reference Standard	1707770-25MG
Valaciclovir for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001225
Valaciclovir hydrochloride (anhydrous), European Pharmacopoeia (EP) Reference Standard	Y0000834

* Name	Catalog Number
Valaciclovir impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001096
Valaciclovir impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001097
Valaciclovir impurity G, European Pharmacopoeia (EP) Reference Standard	Y0001099
Valaciclovir impurity P, European Pharmacopoeia (EP) Reference Standard	Y0001662
Valaciclovir impurity S, European Pharmacopoeia (EP) Reference Standard	Y0001655
Valaciclovir impurity F para-toluenesulfonate, European Pharmacopoeia (EP) Reference Standard	Y0001098
✓ Valacyclovir hydrochloride, United States Pharmacopeia (USP) Reference Standard	1707839-200MG
✓ D-Valacyclovir, United States Pharmacopeia (USP) Reference Standard	1707817-25MG
✓ Valacyclovir Related Compound C, United States Pharmacopeia (USP) Reference Standard	1707855-10MG
✓ Valacyclovir Related Compound D, United States Pharmacopeia (USP) Reference Standard	1707861-15MG
✓ Valacyclovir Related Compound E, United States Pharmacopeia (USP) Reference Standard	1707872-25MG
✓ Valacyclovir Related Compound F, United States Pharmacopeia (USP) Reference Standard	1707883-25MG
✓ Valacyclovir Related Compound G, United States Pharmacopeia (USP) Reference Standard	1707894-50MG
✓ Valerianic acid, United States Pharmacopeia (USP) Reference Standard	1707908-15MG
Valerian standardised dry extract, European Pharmacopoeia (EP) Reference Standard	Y0000583
✓ Valganciclovir hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1708004-500MG
✓ D-Valganciclovir, United States Pharmacopeia (USP) Reference Standard	1708015-10MG
Valine, European Pharmacopoeia (EP) Reference Standard	V0030000
✓ L-Valine, United States Pharmacopeia (USP) Reference Standard	1708503-200MG
Valnemulin hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000584
Valnemulin for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000585
Valnemulin hydrogen tartrate, European Pharmacopoeia (EP) Reference Standard	Y0000533
Valnemulin impurity E, European Pharmacopoeia (EP) Reference Standard	Y0000586
✓ Valproic acid, United States Pharmacopeia (USP) Reference Standard	1708707-500MG
Valproic acid, European Pharmacopoeia (EP) Reference Standard	V0033000
Valproic acid for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001422
✓ Valproic Acid Related Compound A, United States Pharmacopeia (USP) Reference Standard	1708729-0.25ML
✓ Valproic Acid Related Compound B, United States Pharmacopeia (USP) Reference Standard	1708718-25MG
✓ Valrubicin, United States Pharmacopeia (USP) Reference Standard	1708730-100MG
✓ Valrubicin Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1708751-25MG
Valsartan, European Pharmacopoeia (EP) Reference Standard	Y0001132
✓ Valsartan, United States Pharmacopeia (USP) Reference Standard	1708762-350MG
Valsartan for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0001131
Valsartan for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001145
✓ Valsartan Related Compound A, United States Pharmacopeia (USP) Reference Standard	1708773-10MG

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Valsartan Related Compound B, United States Pharmacopeia (USP) Reference Standard	1708784-10MG
✓ Valsartan Related Compound C, United States Pharmacopeia (USP) Reference Standard	1708795-10MG
✓ Valsartan Related Compound E, United States Pharmacopeia (USP) Reference Standard	1708810-15MG
✓ Vancomycin hydrochloride, United States Pharmacopeia (USP) Reference Standard	1709007-4VL
Vancomycin hydrochloride, European Pharmacopoeia (EP) Reference Standard	V0045000
✓ Vancomycin B with Monodechlorovancomycin, United States Pharmacopeia (USP) Reference Standard	1709018-300MG
✓ Vanillin, United States Pharmacopeia (USP) Reference Standard	1710006-200MG
Vanillin, European Pharmacopoeia (EP) Reference Standard	V0050000
✓ Vanillin Melting Point Standard, United States Pharmacopeia (USP) Reference Standard	1711009-1G
Vardenafil hydrochloride trihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001647
Vardenafil for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001648
✓ Vardenafil hydrochloride, United States Pharmacopeia (USP) Reference Standard	1711010-200MG
✓ Vardenafil System Suitability, United States Pharmacopeia (USP) Reference Standard	1711029-20MG
Varicella vaccine (live), European Pharmacopoeia (EP) Reference Standard	Y0001198
✓ Vasicine, United States Pharmacopeia (USP) Reference Standard	1711031-20MG
✓ Vasopressin, United States Pharmacopeia (USP) Reference Standard	1711100-1.70MG
Vecuronium bromide, European Pharmacopoeia (EP) Reference Standard	Y0000561
✓ Vecuronium bromide, United States Pharmacopeia (USP) Reference Standard	1711155-50MG
✓ Vecuronium bromide Related Compound A, United States Pharmacopeia (USP) Reference Standard	1711166-25MG
✓ Vecuronium bromide Related Compound B, United States Pharmacopeia (USP) Reference Standard	1711177-15MG
✓ Vecuronium bromide Related Compound C, United States Pharmacopeia (USP) Reference Standard	1711188-15MG
✓ Vecuronium bromide Related Compound F, United States Pharmacopeia (USP) Reference Standard	1711224-15MG
Vecuronium for peak identification, European Pharmacopoeia (EP) Reference Standard	Y0000625
Vedaprofen, European Pharmacopoeia (EP) Reference Standard	Y0001093
Vedaprofen impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001118
✓ Venlafaxine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1711268-100MG
Venlafaxine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000587
Venlafaxine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000588
✓ Venlafaxine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1711279-10MG
✓ Verapamil hydrochloride, United States Pharmacopeia (USP) Reference Standard	1711202-200MG
Verapamil hydrochloride, European Pharmacopoeia (EP) Reference Standard	V0100000
Verapamil impurity I, European Pharmacopoeia (EP) Reference Standard	V0100018
Verapamil impurity M, European Pharmacopoeia (EP) Reference Standard	V0100026
✓ Verapamil Related Compound A, United States Pharmacopeia (USP) Reference Standard	1711304-50MG
✓ Verapamil Related Compound B, United States Pharmacopeia (USP) Reference Standard	1711406-50MG

* Name	Catalog Number
✓ Verapamil Related Compound E, United States Pharmacopeia (USP) Reference Standard	1711439-50MG
✓ Verapamil Related Compound F, United States Pharmacopeia (USP) Reference Standard	1711440-150MG
Verbenalin, European Pharmacopoeia (EP) Reference Standard	Y0000661
Vero cells, European Pharmacopoeia (EP) Reference Standard	V0180000-1EA V0180000 V0180000-2EA
✓ Verteporfin, United States Pharmacopeia (USP) Reference Standard	1711461-200MG
✓ Verteporfin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1711472-50MG
Vigabatrin, European Pharmacopoeia (EP) Reference Standard	Y0001400
✓ Vigabatrin, United States Pharmacopeia (USP) Reference Standard	1712001-100MG
Vigabatrin impurity A, European Pharmacopoeia (EP) Reference Standard	Y0001401
Vigabatrin impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001402
Vigabatrin impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001404
Vigabatrin impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001403
✓ Vigabatrin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1712012-50MG
✓ Vigabatrin Related Compound B, United States Pharmacopeia (USP) Reference Standard	1712023-30MG
✓ Vigabatrin Related Compound E, United States Pharmacopeia (USP) Reference Standard	1712045-30MG
✓ Vinblastine sulfate, United States Pharmacopeia (USP) Reference Standard	1713004-50MG
Vinblastine sulfate, European Pharmacopoeia (EP) Reference Standard	V0300000
Vinblastine sulfate - reference spectrum, European Pharmacopoeia (EP)	V0305000
Vincristine sulfate, European Pharmacopoeia (EP) Reference Standard	V0400000
✓ Vincristine sulfate, United States Pharmacopeia (USP) Reference Standard	1714007-50MG
✓ Vincristine sulfate (assay), United States Pharmacopeia (USP) Reference Standard	1714018-29.8MG
Vincristine sulfate - reference spectrum, European Pharmacopoeia (EP)	V0405000
Vindesine sulfate, European Pharmacopoeia (EP) Reference Standard	V0500000
Vindesine sulfate - reference spectrum, European Pharmacopoeia (EP)	V0500010
Vinorelbine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000464
✓ Vinorelbine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1714528-25MG
Vinorelbine tartrate, European Pharmacopoeia (EP) Reference Standard	Y0000463
✓ Vinorelbine tartrate, United States Pharmacopeia (USP) Reference Standard	1714506-200MG
Vinpocetine, European Pharmacopoeia (EP) Reference Standard	Y0000589
✓ Vinpocetine, United States Pharmacopeia (USP) Reference Standard	1714608-100MG
Vinpocetine impurity A, European Pharmacopoeia (EP) Reference Standard	Y0000590
Vinpocetine impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000591
Vinpocetine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000790
Vinpocetine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0000760
✓ Vinpocetine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1714619-30MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
✓ Vinpocetine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1714620-30MG
✓ Vinpocetine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1714641-30MG
Vinyl acetate, European Pharmacopoeia (EP) Reference Standard	Y0000793
✓ Viomycin sulfate, United States Pharmacopeia (USP) Reference Standard	1715000-200MG
✓ Vitamin D Assay System Suitability, United States Pharmacopeia (USP) Reference Standard	1717504-1.5G
✓ Vitexin, United States Pharmacopeia (USP) Reference Standard	1717708-25MG
Voriconazole, European Pharmacopoeia (EP) Reference Standard	Y0001395
✓ Voriconazole, United States Pharmacopeia (USP) Reference Standard	1718008-100MG
Voriconazole impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001396
Voriconazole impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001398
Voriconazole impurity E, European Pharmacopoeia (EP) Reference Standard	Y0001397
✓ Voriconazole Related Compound A, United States Pharmacopeia (USP) Reference Standard	1718019-10MG
✓ Voriconazole Related Compound B, United States Pharmacopeia (USP) Reference Standard	1718020-10MG
✓ Voriconazole Related Compound C, United States Pharmacopeia (USP) Reference Standard	1718039-10MG
✓ Voriconazole Related Compound D, United States Pharmacopeia (USP) Reference Standard	1718041-10MG
✓ Voriconazole Related Compound F, United States Pharmacopeia (USP) Reference Standard	1718063-50MG
✓ Warfarin™, United States Pharmacopeia (USP) Reference Standard	1719000-200MG
✓ Warfarin Related Compound A, United States Pharmacopeia (USP) Reference Standard	1719102-50MG
Warfarin sodium, European Pharmacopoeia (EP) Reference Standard	W0100000
Warfarin sodium clathrate, European Pharmacopoeia (EP) Reference Standard	Y0000778
Wedelolactone, European Pharmacopoeia (EP) Reference Standard	Y0001599
✓ Withanolide A, United States Pharmacopeia (USP) Reference Standard	1719500-15MG
✓ Withanoside IV, United States Pharmacopeia (USP) Reference Standard	1719532-15MG
✓ Xanthanoic acid, United States Pharmacopeia (USP) Reference Standard	1720000-100MG
✓ Xanthone, United States Pharmacopeia (USP) Reference Standard	1720203-100MG
✓ Xylazine, United States Pharmacopeia (USP) Reference Standard	1720407-200MG
Xylazine hydrochloride, European Pharmacopoeia (EP) Reference Standard	X0075000
✓ Xylazine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1720429-200MG
Xylazine impurity C, European Pharmacopoeia (EP) Reference Standard	Y0000158
Xylazine impurity mixture, European Pharmacopoeia (EP) Reference Standard	Y0001224
Xylitol, European Pharmacopoeia (EP) Reference Standard	X0080000
✓ Xylitol, United States Pharmacopeia (USP) Reference Standard	1720600-1G
✓ Xylometazoline hydrochloride, United States Pharmacopeia (USP) Reference Standard	1721002-250MG
Xylometazoline hydrochloride, European Pharmacopoeia (EP) Reference Standard	X0100000
Xylometazoline impurity A, European Pharmacopoeia (EP) Reference Standard	X0101000

* Name	Catalog Number
Xylose, European Pharmacopoeia (EP) Reference Standard	X0200000
✓ Xylose, United States Pharmacopeia (USP) Reference Standard	1722005-1G
Yohimbine hydrochloride, European Pharmacopoeia (EP) Reference Standard	Y0000656
✓ Yohimbine hydrochloride, United States Pharmacopeia (USP) Reference Standard	1724000-200MG
✓ Zalcitabine, United States Pharmacopeia (USP) Reference Standard	1724306-200MG
✓ Zalcitabine Related Compound A, United States Pharmacopeia (USP) Reference Standard	1724317-50MG
✓ Zaleplon, United States Pharmacopeia (USP) Reference Standard	1724350-200MG
✓ Zaleplon Related Compound A, United States Pharmacopeia (USP) Reference Standard	1724361-15MG
✓ Zaleplon Related Compound B, United States Pharmacopeia (USP) Reference Standard	1724372-15MG
✓ Zaleplon Related Compound C, United States Pharmacopeia (USP) Reference Standard	1724383-25MG
✓ Zanamivir, United States Pharmacopeia (USP) Reference Standard	1724088-200MG
Zanamivir hydrate, European Pharmacopoeia (EP) Reference Standard	Y0001715
Zanamivir for assay, European Pharmacopoeia (EP) Reference Standard	Y0001702
Zanamivir for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001708
Zanamivir impurity F, European Pharmacopoeia (EP) Reference Standard	Y0001703
✓ Zanamivir Related Compounds Mixture, United States Pharmacopeia (USP) Reference Standard	1724077-2.5MG
✓ Zanamivir Resolution Mixture, United States Pharmacopeia (USP) Reference Standard	1724066-0.25MG
✓ <i>meso</i> -Zeaxanthin, United States Pharmacopeia (USP) Reference Standard	1733119-5X30MG
Zidovudine, European Pharmacopoeia (EP) Reference Standard	Z1900000
✓ Zidovudine, United States Pharmacopeia (USP) Reference Standard	1724500-400MG
Zidovudine for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0001641
Zidovudine impurity D, European Pharmacopoeia (EP) Reference Standard	Y0001654
✓ Zidovudine Related Compound B, United States Pharmacopeia (USP) Reference Standard	1724521-25MG
✓ Zidovudine Related Compound C, United States Pharmacopeia (USP) Reference Standard	1724532-100MG
✓ Zidovudine Related Compound D, United States Pharmacopeia (USP) Reference Standard	1724543-50MG
✓ Zileuton, United States Pharmacopeia (USP) Reference Standard	1724656-150MG
✓ Zileuton Related Compound A, United States Pharmacopeia (USP) Reference Standard	1724667-50MG
✓ Zileuton Related Compound B, United States Pharmacopeia (USP) Reference Standard	1724678-50MG
✓ Zileuton Related Compound C, United States Pharmacopeia (USP) Reference Standard	1724689-50MG
Zinc acexamate, European Pharmacopoeia (EP) Reference Standard	Z2000000
Zinc acexamate impurity A, European Pharmacopoeia (EP) Reference Standard	Z2000010
✓ Zinc oxide, United States Pharmacopeia (USP) Reference Standard	1724747-2G
✓ Zinc sulfate, United States Pharmacopeia (USP) Reference Standard	1724769-1G
✓ Ziprasidone hydrochloride, United States Pharmacopeia (USP) Reference Standard	1724408-200MG
Ziprasidone hydrochloride monohydrate, European Pharmacopoeia (EP) Reference Standard	Y0001286

Selected Certified Reference Materials

Pharmaceuticals: Primary

* Name	Catalog Number
Ziprasidone for system suitability 1, European Pharmacopoeia (EP) Reference Standard	Y0001272
Ziprasidone for system suitability 2, European Pharmacopoeia (EP) Reference Standard	Y0001241
Ziprasidone mesylate trihydrate, European Pharmacopoeia (EP) Reference Standard	Y0001626
✓ Ziprasidone Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1724420-10MG
✓ Ziprasidone Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1724441-10MG
✓ Ziprasidone Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1724452-10MG
✓ Zolazepam hydrochloride, United States Pharmacopoeia (USP) Reference Standard	1724805-500MG
✓ Zoledronic acid, United States Pharmacopoeia (USP) Reference Standard	1724827-150MG
✓ Zoledronic acid Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1724838-30MG
✓ Zolmitriptan, United States Pharmacopoeia (USP) Reference Standard	1727009-200MG
✓ Zolmitriptan R-Isomer, United States Pharmacopoeia (USP) Reference Standard	1727018-20MG
✓ Zolmitriptan Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1727020-20MG
✓ Zolmitriptan Related Compound B, United States Pharmacopoeia (USP) Reference Standard	1727031-20MG
✓ Zolmitriptan Related Compound D, United States Pharmacopoeia (USP) Reference Standard	1727053-20MG
✓ Zolmitriptan Related Compound E, United States Pharmacopoeia (USP) Reference Standard	1727064-25MG
✓ Zolmitriptan Related Compound G, United States Pharmacopoeia (USP) Reference Standard	1727086-25MG
✓ Zolmitriptan Related Compound H, United States Pharmacopoeia (USP) Reference Standard	1727097-50MG
✓ Zolpidem Impurities Mixture, United States Pharmacopoeia (USP) Reference Standard	1724951-15MG
✓ Zonisamide, United States Pharmacopoeia (USP) Reference Standard	1725003-200MG
✓ Zonisamide Related Compound A, United States Pharmacopoeia (USP) Reference Standard	1725014-20MG
✓ Zonisamide Related Compound C, United States Pharmacopoeia (USP) Reference Standard	1725036-20MG
Zopiclone impurity B, European Pharmacopoeia (EP) Reference Standard	Y0001822
✓ Zopiclone R-Isomer, United States Pharmacopoeia (USP) Reference Standard	1729118-10MG
Zopiclone oxide, European Pharmacopoeia (EP) Reference Standard	Z3001000
Zuclopenthixol decanoate - reference spectrum, European Pharmacopoeia (EP)	Y0000062
Zuclopenthixol for system suitability, European Pharmacopoeia (EP) Reference Standard	Y0000534
Zuclopenthixol impurity B, European Pharmacopoeia (EP) Reference Standard	Y0000083

Secondary

* Name	Catalog Number
Abacavir sulfate, pharmaceutical secondary standard; traceable to USP	PHR1256-500MG
Acarbose, pharmaceutical secondary standard; traceable to PhEur	PHR1253-500MG
Acesulfame K, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1266-500MG
2-Acetamidophenol, pharmaceutical secondary standard; traceable to USP	PHR1531-200MG
Acetaminophen, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1005-1G PHR1005-10G
Acetanilide (Acetaminophen RCD), pharmaceutical secondary standard; traceable to USP	PHR1530-200MG

* Name	Catalog Number
Acetanilide melting point standard, pharmaceutical secondary standard; traceable to USP	PHR1086-1G
Acetone, pharmaceutical secondary standard; traceable to USP	PHR1219-3X1.5ML
Acetonitrile, pharmaceutical secondary standard; traceable to USP	PHR1551-3X1.2ML
4'-Acetoxyacetanilide (Acetaminophen RCA), pharmaceutical secondary standard; traceable to USP	PHR1612-50MG
Acetylcholine chloride, Pharmaceutical secondary standard; traceable to USP, PhEur	PHR1546-500MG
N-Acetyl-L-cysteine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1098-1G
N-Acetylglucosamine, pharmaceutical secondary standard; traceable to USP	PHR1432-1G
N-Acetyl-L-tryptophan, pharmaceutical secondary standard; traceable to USP	PHR1177-500MG
N-Acetyl-L-tyrosine, pharmaceutical secondary standard; traceable to USP	PHR1173-1G
Acitretin, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1523-1G
Acyclovir, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1254-1G
Adapalene, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1388-500MG
Adenine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1383-1G
Adenosine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1138-1G
L-Alanine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1110-1G
Albendazole, pharmaceutical secondary standard; traceability to USP, PhEur and BP	PHR1281-1G
Albuterol sulfate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1053-1G
Alcohol, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1373-5X1.2ML
Alendronate Sodium, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1599-1G
Alfuzosin hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1638-1G
Allantoin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1364-500MG
Allopurinol, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1377-1G
alpha-[(Aminocarbonyl)amino]-alpha-phenylbenzeneacetic acid(Phenytoin Related Compound B - USP), pharmaceutical secondary standard	PHR1692-100MG
Alpha Tocopherol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1031-500MG
Amikacin, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1654-1G
4'-Aminoacetophenone, pharmaceutical secondary standard	PHR1747-200MG
3-Aminobenzoic acid, pharmaceutical secondary standard	PHR1743-200MG
N-(4-aminobenzoyl)-L-Glutamic acid (Folic Acid Imp A), pharmaceutical secondary standard; traceable to PhEur	PHR1334-500MG
Aminobutanol, pharmaceutical secondary standard; traceable to USP	PHR1501-1G
Aminocaproic acid, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1224-1G
4-Amino-6-chloro-1,3-benzendisulfonamide, pharmaceutical secondary standard; traceable to USP	PHR1192-500MG
2-Amino-5-Chlorobenzophenone, secondary pharmaceutical standard; traceable to USP	PHR1507-200MG
3-Aminophenol, pharmaceutical secondary standard; traceable to USP	PHR1225-500MG
4-Aminophenol (Acetaminophen RCK), pharmaceutical secondary standard; traceable to USP	PHR1148-1G

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Secondary

* Name	Catalog Number
4-Aminophenol hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1745-500MG
2-Aminophenol (Mesalazine Impurity C - PhEur), pharmaceutical secondary standard; traceable to PhEur	PHR1739-200MG
3-Amino-1-propanol, pharmaceutical secondary standard; traceable to USP	PHR1339-500MG
4-Aminosalicylic acid, pharmaceutical secondary standard; traceable to USP	PHR1746-500MG
Amidodrone hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1164-1G
Amitriptyline hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1384-1G
Amlodipine besylate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1185-1G
Ammonium chloride, pharmaceutical secondary standard; traceable to USP	PHR1327-1G
Ammonium Glycyrhizate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1689-200MG
Amoxicillin trihydrate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1127-1G
Amphotericin B, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1662-500MG
Ampicillin Sodium, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1424-1G
Ampicillin Trihydrate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1393-1G
t-Amyl Alcohol, pharmaceutical secondary standard;	PHR1667-3X1.2ML
Amylmetacresol, pharmaceutical secondary standard; traceable to PhEur	PHR1386-1G
Analgesics - IR Identification PT, Proficiency Testing Material	PEP001-4X1G
trans-Anethole, pharmaceutical secondary standard; traceable to USP	PHR1218-2.2ML
Anisole, pharmaceutical secondary standard; traceable to USP	PHR1212-3X1.2ML
Anthralin (Dithranol), pharmaceutical secondary standard; traceable to USP, PhEur	PHR1677-1G
L-Arabinitol, pharmaceutical reference standard; traceable to USP, PhEur	PHR1489-1G
L-Arginine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1106-1G
Arginine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1454-1G
Ascorbic Acid, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1008-2G PHR1008-10G
Ascorbyl Glucoside, pharmaceutical secondary standard;	PHR1433-1G
Ascorbyl Palmitate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1455-2G
Aspartame, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1381-1G
L-Aspartic acid, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1104-1G
Aspirin (Acetyl Salicylic Acid), pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1003-1G
Atomoxetine Hydrochloride, pharmaceutical secondary standard	PHR1679-500MG
Atorvastatin Calcium, pharmaceutical secondary standard; Traceable to USP, PhEur	PHR1422-1G
Atovaquone, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1591-500MG
Atropine Sulfate , pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1379-1G
Avobenzene, pharmaceutical secondary standard; traceable to USP	PHR1073-1G
2,2'-(Azanediyl)bis[N-(2,6-dimethylphenyl)acetamide] (Lidocaine RCE)	PHR1672-100MG
Azathioprine, pharmaceutical secondary standard; traceability to USP, PhEur and BP	PHR1282-1G

* Name	Catalog Number
Azelastine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1636-1G
Azithromycin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1088-1G
Aztreonam, pharmaceutical secondary standard; traceable to USP	PHR1785-500MG
Bacitracin, pharmaceutical secondary standard; traceable to USP	PHR1590-1G
Bacitracin Zinc, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1559-1G
Baclofen	PHR1682-1G
Beclometasone Dipropionate, pharmaceutical secondary standard, traceable to USP, PhEur, BP	PHR1619-1G
Benzaldehyde, pharmaceutical secondary standard; traceable to USP	PHR1203-3X1ML
Benzalkonium Chloride 10% Solution, pharmaceutical secondary standard; traceable to USP	PHR1371-5ML
Benzalkonium Chloride 50% Solution, pharmaceutical secondary standard; traceable to USP	PHR1681-1ML
Benzene, pharmaceutical secondary standard; traceable to USP	PHR1310-1G
Benzethonium Chloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1425-1G
Benzocaine, pharmaceutical secondary standard; traceable to USP	PHR1158-1G
Benzoic acid, pharmaceutical secondary standard; traceable to USP	PHR1050-1G
Benzophenone, pharmaceutical secondary standard; traceable to PhEur	PHR1204-1G
1,4-Benzoquinone, pharmaceutical secondary standard; traceable to USP	PHR1028-1G
Benzyl alcohol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1019-1G
Benzyl benzoate, pharmaceutical secondary standard; traceable to USP	PHR1213-5G
Benzyl Nicotinate, pharmaceutical secondary standard	PHR1370-1ML
Benzylphenylephrone (Phenylephrine related compound E - USP), pharmaceutical secondary standard, traceable to USP	PHR1712-500MG
Berberine Chloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1502-500MG
Beta Alanine, pharmaceutical secondary standard; traceable to USP	PHR1349-1G
Beta-Cyclodextrin, pharmaceutical secondary standard; traceable to USP	PHR1439-1G
Betamethasone, pharmaceutical secondary standard; traceable to USP, PhEur, and BP	PHR1398-1G
Betamethasone Dipropionate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1399-1G
Bicalutamide, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1678-1G
Bifonazole, pharmaceutical secondary standard; traceable to PhEur	PHR1296-1G
Biotin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1233-1G
Bis(2 ethylhexyl)maleate, pharmaceutical secondary standard; traceable to USP	PHR1456-2X1G
Budesonide, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1178-500MG
Bupivacaine hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1128-1G
Buprenorphine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1729-500MG
Bupropion Hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1730-1G
1-Butanol, pharmaceutical secondary standard; traceability to USP	PHR1209-3X1.2ML
2-Butanol, pharmaceutical secondary standard; traceable to USP	PHR1563-3X1.2ML

Selected Certified Reference Materials

Pharmaceuticals: Secondary

* Name	Catalog Number
Butoconazole Nitrate, pharmaceutical secondary standard; traceable to USP	PHR1621-1G
Butyl acetate, pharmaceutical secondary standard; traceable to USP	PHR1211-3X1.2ML
2-(tert-butylamino)-3'-bromiophenone hydrochloride (Bupropion Hydrochloride Related Compound B - USP), Bupropion Hydrochloride Related Compound B - USP, pharmaceutical secondary standard; traceable to USP	PHR1753-30MG
2-(tert-butylamino)-3'-bromiophenone hydrochloride (Bupropion Hydrochloride Related Compound A - USP), Bupropion Hydrochloride Related Compound A - USP, pharmaceutical secondary standard; traceable to USP	PHR1752-30MG
6-(butylamino)-N-(2,6-dimethylphenyl)hexanamide (Bupivacaine Related Compound A - USP) (Bupivacaine Impurity E - PhEur), Pharmaceutical secondary standard; traceable to USP, PhEur	PHR1738-40MG
Butylated hydroxyanisole, pharmaceutical secondary standard; traceable to PhEur	PHR1304-1G
Butylated Hydroxytoluene, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1117-1G
3-tert-Butyl-4-hydroxyanisole, pharmaceutical secondary standard; traceable to USP	PHR1306-500MG
tert-Butyl Methyl Ether, pharmaceutical secondary standard; traceable to USP	PHR1560-3X1.2ML
Butylparaben, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1022-1G PHR1022-10G
Caffeine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1009-1G
Caffeine Melting Point Standard, pharmaceutical secondary standard; traceable to USP	PHR1095-1G
Calcium Acetate , Pharmaceutical secondary standard; traceable to USP	PHR1362-5G
Calcium Ascorbate, pharmaceutical secondary standard; traceable to USP	PHR1361-500MG
Calcium carbonate, pharmaceutical secondary standard; traceable to USP	PHR1326-5G
Calcium Lactobionate, pharmaceutical secondary standard; traceable to USP	PHR1457-1G
Calcium-d-pantothenate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1232-500MG
o-Camphor, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1119-1G
Capecitabine, secondary pharmaceutical standard; traceable to USP, PhEur	PHR1405-1G
Capreomycin Sulfate, pharmaceutical secondary standard; traceable to USP, BP	PHR1716-500MG
Caprylic Acid (Octanoic Acid), pharmaceutical secondary standard; traceable to USP and PhEur	PHR1202-1G
Capsaicin, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1450-1G
Captopril, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1307-1G
Carbachol, pharmaceutical secondary standard	PHR1511-500MG
Carbamazepine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1067-1G
Carbazole(Carprofen Related Compound A), pharmaceutical secondary standard; traceable to USP	PHR1564-200MG
Carbidopa, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1655-1G
Carbimazole, pharmaceutical secondary standard; traceable to PhEur	PHR1684-1G
β-Carotene, pharmaceutical secondary standard; traceable to USP	PHR1239-1G PHR1239-3X100MG
Carprofen, pharmaceutical secondary standard; traceable to USP, EP	PHR1452-1G
Carvedilol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1265-1G
Cefaclor, pharmaceutical secondary standard; traceability to USP	PHR1283-1G

* Name	Catalog Number
Cefepime hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1763-1G
Ceftiofur Sodium, pharmaceutical secondary standard; traceable to USP	PHR1521-1G
Ceftriaxone Sodium, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1382-1G
Celecoxib, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1683-1G
Celecoxib Related Compound A, pharmaceutical secondary standard; traceable to USP	PHR1706-20MG
Celecoxib Related Compound B, pharmaceutical secondary standard; traceable to USP	PHR1707-20MG
Cetirizine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1656-1G
Cetyl Alcohol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1133-1G
Cetyl Palmitate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1166-1G
Cetylpyridinium chloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1226-1G
Chloramphenicol, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1412-1G
Chlorhexidine, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1421-1G
Chlorhexidine acetate, pharmaceutical secondary standard; traceable to USP, EP and BP	PHR1222-500MG
Chlorhexidine digluconate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1294-1G
Chlorhexidine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1459-500MG
4-Chloroacetanilide (Acetaminophen RCJ), pharmaceutical secondary standard	PHR1149-1G
p-Chloroaniline, pharmaceutical secondary standard; traceable to USP	PHR1200-1G
Chlorobenzene, pharmaceutical secondary standard; traceable to USP	PHR1665-3X1.2ML
3-Chlorobenzoic acid, pharmaceutical secondary standard; traceable to USP	PHR1744-200MG
2-Chlorobenzophenone, pharmaceutical secondary standard; traceable to PhEur	PHR1183-500MG
Chlorobutanol, pharmaceutical secondary standard; traceable to USP	PHR1545-1G
Chloroform, pharmaceutical secondary standard; traceable to USP	PHR1552-3X1.2ML
2-Chloro-5-nitrobenzoic acid, pharmaceutical secondary standard	PHR1741-200MG
(3-(4-chlorophenyl)-N-methyl-3-(pyridin-2-yl)propan-1-amine maleate) (Chlorpheniramine Related Compound C - USP) , pharmaceutical secondary standard	PHR1688-50MG
(RS)-2-[2-[4-[(4-chlorophenyl)phenylmethyl]piperazin-1-yl]ethoxy]acetic acid ethyl ester dihydrochloride (Cetirizine hydrochloride Related Compound A - USP), pharmaceutical secondary standard	PHR1710-40MG
Chloroquine phosphate, pharmaceutical secondary standard; traceable to USP	PHR1258-1G
Chlorothiazide, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1179-500MG
Chloroxylenol, pharmaceutical secondary standard; traceable to USP	PHR1478-500MG
Chlorpheniramine Maleate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1016-500MG
Chlorpropamide, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1284-1G
Chlortetracycline Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1520-500MG
Cholecalciferol (Vitamin D3), pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1237-500MG
Cholesterol, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1533-500MG

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Secondary

* Name	Catalog Number
Choline Bitartrate, pharmaceutical secondary standard; traceable to USP	PHR1460-500MG
Choline chloride, pharmaceutical secondary standard; traceability to USP	PHR1251-500MG
Cilostazol, pharmaceutical secondary standard; traceable to USP	PHR1503-1G
Cimetidine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1075-1G
Cimetidine hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1089-1G
Ciprofloxacin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1167-1G
Ciprofloxacin HCl, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1044-1G
Cisplatin, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1624-200MG
Citalopram Hydrobromide, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1640-1G
Citric acid, Anhydrous, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1071-1G
Clarithromycin, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1038-500MG
Clindamycin hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1159-1G
Clindamycin Phosphate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1021-1G
Clomipramine hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1720-1G
Clopidogrel Bisulfate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1431-1G
Clotrimazole, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1058-1G
CMIT/MIT, pharmaceutical secondary standard	PHR1597-1ML
Colistimethate Sodium, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1737-500MG
Colistin Sulfate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1605-1G
Copper Sulfate, pharmaceutical secondary standard	PHR1477-1G
Creatinine, secondary pharmaceutical standard; traceable to USP	PHR1462-1G
Cumene, pharmaceutical secondary standard; traceable to USP	PHR1210-3X1.2ML
Cyanocobalamin, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1234-1G
Cyanoguanidine (Metformin Related Compound A), pharmaceutical secondary standard; traceable to USP	PHR1331-500MG
Cyclohexane, pharmaceutical secondary standard; traceable to USP	PHR1687-3X1.2ML
6-[4-(1-Cyclohexyl-1H-tetrazol-5-yl)-butoxy]-1H-quinolin-2-one (Cilostazol Related Compound B - USP), pharmaceutical secondary standard; traceable to USP	PHR1653-100MG
1-(4-(5-Cyclohexyl-1H-tetrazol-1-yl)butyl)-6-(4-(1-cyclohexyl-1H-tetrazol-5-yl)butoxy)-3,4-dihydroquinolin-2(1H)-one (Cilostazol Related Compound C - USP), pharmaceutical secondary standard; traceable to USP	PHR1676-100MG
Cyclophosphamide, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1404-1G
Cyclosporine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1092-500MG
L-Cysteine hydrochloride monohydrate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1102-1G
L-Cystine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1323-500MG
Cytarabine	PHR1787-500MG
Cytosine, pharmaceutical secondary standard; traceable to USP	PHR1350-500MG
D4 Cyclomethicone, pharmaceutical secondary standard; traceable to USP	PHR1565-500MG

* Name	Catalog Number
D5 Cyclomethicone, pharmaceutical secondary standard; traceable to USP	PHR1566-500MG
Dapsone, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1464-1G
Dehydrated Alcohol, pharmaceutical secondary standard; traceable to USP	PHR1070-5X1.2ML
Dehydroacetic acid, pharmaceutical secondary standard; traceable to USP	PHR1582-1G
Demeclocycline HCl, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1735-1G
Dequalinium chloride, pharmaceutical secondary standard; traceable to PhEur	PHR1300-500MG
Desipramine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1723-400MG
Desloratidine	PHR1680-1G
Dexamethasone, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1526-1G
Dexamethasone Acetate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1527-1G
Dexamethasone Sodium Phosphate, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1768-1G
Dexpanthenol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1228-500MG
Dextromethorphan HBr, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1018-500MG
Diacetone Alcohol, pharmaceutical secondary standard	PHR1916-3X1.2ML
Diallyl Acetic Acid (Valproic Acid RCA), pharmaceutical secondary standard; traceable to USP	PHR1652-0.5ML
Dibutyl Phthalate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1366-1G
Dibutyl sebacate, pharmaceutical secondary standard; traceable to USP	PHR1216-3X1.2ML
2,3-Dichlorobenzoic acid, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1368-100MG
Diclofenac sodium salt, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1144-1G
Diethanolamine, pharmaceutical secondary standard; traceable to USP	PHR1220-3.2ML
2-(Diethylamino)-N-(2,4-dimethylphenyl)acetamide Hydrochloride (Lidocaine RCI), pharmaceutical secondary standard	PHR1674-100MG
2-(diethylazirino)-n-(2,6-dimethylphenyl)acetamide (Lidocaine RCB), pharmaceutical secondary standard	PHR1670-100MG
Diethylene glycol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1045-1G
Diethyl Ether, pharmaceutical secondary standard;	PHR1666-3X1.2ML
Diethyl Phthalate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1476-1G
Dihydrostreptomycin Sulfate	PHR1517-500MG
Dihydroxyacetone, pharmaceutical secondary standard; traceable to USP	PHR1430-1G
Dimenhydrinate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1658-1G
3,4-Dimethoxybenzaldehyde (Verapamil Related Compound E - USP), pharmaceutical secondary standard; traceable to USP	PHR1194-500MG
3,4-Dimethoxybenzyl alcohol (Verapamil Related Compound F - USP), pharmaceutical secondary standard; traceable to USP	PHR1193-500MG
2',6'-Dimethylacetanilide (Lidocaine RCC), pharmaceutical secondary standard	PHR1671-100MG
Dimethylamine Hydrochloride (Metformin Impurity F), pharmaceutical secondary standard; traceable to PhEur	PHR1532-200MG
5-[3(dimethylamino)propyl]-10,11-dihydro-5H-dibenzo[a,d]-cyclohepten-5-ol (Amitriptyline Related Compound B - USP), pharmaceutical secondary standard; traceable to USP	PHR1776-50MG
2,6-Dimethylaniline (Lidocaine RCA), pharmaceutical secondary standard	PHR1669-100MG

Selected Certified Reference Materials

Pharmaceuticals: Secondary

* Name	Catalog Number
Dimethylformamide, pharmaceutical secondary standard; traceable to USP	PHR1553-3X1.2ML
n-(2,6-Dimethylphenyl)chloroacetamide (Lidocaine RCH), pharmaceutical secondary standard; traceable to USP	PHR1673-100MG
(2RS)-N-(2,6-dimethylphenyl)piperidine-2-carboxamide (Bupivacaine Related Compound B - USP) (Bupivacaine Impurity B - PhEur), Pharmaceutical secondary standard; traceable to USP, PhEur	PHR1756-20MG
Dimethyl Sulfoxide, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1309-3G
N,N-Dimethyl-[1,3,5]-triazine-2,4,6-triamine (Metformin RCC), pharmaceutical secondary standard; traceable to USP	PHR1506-50MG
1,4-Dioxane, pharmaceutical secondary standard; traceable to USP	PHR1549-3X1.2ML
Diphenhydramine hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1015-1G
2,2-Diphenylglycine(Phenytol RCA), pharmaceutical secondary standard, traceable to USP	PHR1574-100MG
2,2'-Dipyridylamine, pharmaceutical secondary standard	PHR1647-200MG
Disodium Guanylate, (pharmaceutical secondary standard; traceable to USP)	PHR1514-1G
Disodium Inosinate, pharmaceutical secondary standard; traceable to USP	PHR1475-1G
Disulfiram	PHR1690-1G
DMDM Hydantoin, pharmaceutical secondary standard;	PHR1358-1ML
Donepezil Hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1584-1G
Dopamine hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1090-1G
Doxorubicin Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1789-200MG
Doxycycline hyclate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1145-1G
Doxylamine Succinate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1420-1G
Edetate Calcium Disodium , pharmaceutical secondary standard; traceable to USP, PhEur	PHR1510-1G
Enalapril Maleate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1289-1G
Enrofloxacin, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1513-500MG
Ensulizole(2-Phenylbenzimidazole 5-sulfonic acid), pharmaceutical secondary standard; traceable to USP	PHR1301-1G
4-Epianhdyrotetracycline hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1691-100MG
Epigallocatechin gallate, pharmaceutical secondary standard; traceable to USP	PHR1333-1G
Epinephrine Bitartrate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1509-500MG
Eprinomectin, pharmaceutical secondary standard; traceable to USP	PHR1766-1G
Ergocalciferol (Vitamin D2), pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1238-500MG
Ergosterol, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1512-200MG
Erythritol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1479-1G
Erythromycin, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1039-1G
Erythromycin Ethylsuccinate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1610-250MG
Erythrose	PHR1453-1G
Escitalopram Oxalate	PHR1733-1G
Esomeprazole Magnesium, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1585-1G
Estradiol, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1353-1G

* Name	Catalog Number
Estrone, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1535-500MG
Ethinyl Estradiol, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1480-200MG
Ethosuximide, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1413-1G
2-Ethoxyethanol, pharmaceutical secondary standard; traceable to USP	PHR1550-3X1.2ML
Ethyl Acetate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1481-3X1.2ML
Ethylbenzene, pharmaceutical secondary standard; traceable to USP	PHR1229-3X1.2ML
Ethylcellulose	PHR1374-1G
Ethylenediaminetetraacetic acid disodium salt dihydrate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1068-1G
Ethylene glycol, pharmaceutical secondary standard; traceable to USP	PHR1046-1G
Ethylene Oxide Stock Solution, pharmaceutical secondary standard; traceable to PhEur	PHR1295-1.2ML
2-Ethylhexanoic acid, pharmaceutical secondary standard	PHR1914-3X1.2ML
Ethyl maltol, pharmaceutical secondary standard; traceable to USP	PHR1267-1G
Ethylparaben, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1011-1G PHR1011-10G
Ethyl vanillin, pharmaceutical secondary standard; traceable to USP	PHR1268-1G
Eugenol, pharmaceutical secondary standard; traceability to USP and PhEur	PHR1269-1G
Exemestane, (pharmaceutical secondary standard; traceable to USP)	PHR1634-1G
Famciclovir, pharmaceutical secondary standard; traceable to USP	PHR1696-1G
Famotidine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1055-1G
Fenofibrate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1246-500MG
Ferrous Fumarate, pharmaceutical secondary standard	PHR1482-1G
Ferulic Acid, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1791-100MG
Fexofenadine HCl, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1685-1G
Fluconazole, pharmaceutical secondary standard; traceable to USP	PHR1160-1G
Flucytosine, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1659-1G
Flunixin Meglumine, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1442-1G
Fluocinolone Acetonide , pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1397-500MG
Fluoroquinolonic acid, pharmaceutical secondary standard; traceable to USP	PHR1174-500MG
(2-[2-fluoro-4-(1H-1,2,4-triazol-1-yl)phenyl]-1,3-bis(1H-1,2,4-triazol-1-yl)propan-2-ol) (Fluconazole Related Compound A -USP) (Fluconazole Impurity B - PhEur), pharmaceutical secondary standard; traceable to USP, PhEur	PHR1651-30MG
Fluorouracil , pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1227-500MG
Fluoxetine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1394-1G
Flurbiprofen, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1499-500MG
Fluticasone Propionate, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1702-200MG
Fluvastatin sodium, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1620-1G
Folic acid, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1035-1G

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Secondary

* Name	Catalog Number
Foscarnet Sodium, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1436-1G
Fructose, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1002-1G
Fumaric Acid, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1270-1G
Furosemide, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1057-1G
Gabapentin, pharmaceutical secondary standard; traceable to USP	PHR1049-1G
Galactose, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1206-500MG
Galantamine Hydrobromide, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1623-500MG
Ganciclovir	PHR1593-1G
Gemfibrozil, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1286-1G
Gentamicin Sulfate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1077-1G
Gibberellic Acid, pharmaceutical secondary standard; traceable to USP	PHR1567-500MG
Glacial Acetic Acid, pharmaceutical secondary standard; traceable to USP	PHR1748-3X1.5ML
Gliclazide, pharmaceutical secondary standard; traceable to PhEur and BP	PHR1288-1G
Glimepiride, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1617-1G
Glimepiride Related Compound A (cis-Isomer), pharmaceutical secondary standard; traceable to USP	PHR1725-40MG
Glimepiride Urethane (Glimepiride Related Compound C - USP), pharmaceutical secondary standard; traceable to USP	PHR1727-40MG
Glucosamine hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1199-500MG
D-(+)-Glucose, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1000-1G
L-Glutamic acid, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1107-1G
L-Glutamine, pharmaceutical secondary standard; traceable to USP	PHR1125-1G
Glutathione, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1359-500MG
Glyburide (Glibenclamide), pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1287-1G
Glycerin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1020-5G
Glyceryl Monooleate, pharmaceutical secondary standard; traceable to USP	PHR1484-1G
Glycine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1111-1G
Glycolic Acid, pharmaceutical secondary standard	PHR1427-1G
Granisetron Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1616-500MG
Griseofulvin, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1534-1G
Guaiacol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1136-1.5G
Guaiifenesin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1027-1G
Guanfacine hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1751-500MG
Guanine, pharmaceutical secondary standard; traceable to USP and BP	PHR1243-500MG
Haloperidol	PHR1724-400MG
HEPES, pharmaceutical secondary standard	PHR1428-1G
Heptane, pharmaceutical secondary standard; traceable to USP	PHR1554-3X1.2ML
Hexane, pharmaceutical secondary standard; traceable to USP	PHR1555-3X1.2ML

* Name	Catalog Number
Histamine Dihydrochloride, pharmaceutical standard; traceable to USP and PhEur	PHR1357-500MG
L-Histidine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1108-1G
Homosalate, pharmaceutical secondary standard; traceable to USP	PHR1085-1G PHR1085-10G
Hydrochlorothiazide, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1032-1G
Hydrocortisone, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1014-500MG
Hydrocortisone Acetate, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1606-1G
Hydroquinone, secondary pharmaceutical standard; traceable to USP	PHR1469-1G
4-Hydroxybenzoic acid, pharmaceutical secondary standard; traceable to USP	PHR1048-1G
4-Hydroxyisophthalic Acid(Salicylic Acid RCB), pharmaceutical secondary standard; traceable to USP, PhEur	PHR1643-200MG
5-(hydroxymethyl)-2,4-dimethylpyridin-3-ol (Pyridoxine Impurity B - PhEur), pharmaceutical secondary standard	PHR1694-50MG
2-Hydroxy-nitrobenzoic acid, pharmaceutical secondary standard	PHR1742-200MG
N-(4-Hydroxyphenyl)Propanamide (Acetaminophen Related Compound B - USP), pharmaceutical secondary standard; traceable to USP	PHR1642-50MG
Hydroxypropyl Cellulose, pharmaceutical secondary standard; traceable to USP	PHR1485-1G
Hydroxyzine Dihydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1607-1G
Ibuprofen, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1004-1G
Imidazole, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1180-500MG
Imidurea, pharmaceutical secondary standard; traceable to USP	PHR1500-1G
Iminostilbene; Carbamazepine Related Compound B, pharmaceutical secondary standard; traceable to USP	PHR1197-500MG
Indapamide, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1660-1G
Indomethacin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1247-500MG
Inositol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1351-1G
3-Iodo-2-propynyl N-butylcarbamate, pharmaceutical secondary standard	PHR1354-500MG
Irbesartan, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1443-1G
4'-Isobutylacetophenone, pharmaceutical secondary standard; traceable to USP and BP	PHR1146-500MG
L-Isoleucine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1099-1G
Isomalt, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1769-1G
Isopentane Solution, pharmaceutical secondary standard	PHR1661-2ML
Isopropyl myristate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1123-1G
Isopropyl palmitate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1137-1G
Isosorbide Solution, pharmaceutical secondary standard; traceable to USP	PHR1486-1G
Isotretinoin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1188-3X100MG
Itraconazole, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1834-200MG
Ivermectin, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1380-1G
Kanamycin Sulfate, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1487-500MG

Selected Certified Reference Materials

Pharmaceuticals: Secondary

* Name	Catalog Number
Ketoconazole, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1385-1G
Ketoprofen, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1375-500MG
Ketorolac Tromethamine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1140-500MG
Labetalol Hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1335-1G
Lactic acid, pharmaceutical secondary standard; traceable to USP	PHR1215-3X1.5ML
Lactose, Anhydrous, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1025-1G
Lactose (Monohydrate), pharmaceutical secondary standard; traceable to USP and PhEur	PHR1024-1G
Lactulose, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1608-1G
Lamivudine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1365-1G
Lamotrigine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1392-1G
Lansoprazole, pharmaceutical secondary standard; USP, PhEur and BP	PHR1390-1G
Lauric Acid, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1580-1G
Leflunomide, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1378-1G
Letrozole, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1540-1G
L-Leucine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1105-1G
Leucovorin Calcium, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1541-1G
Levetiracetam, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1447-1G
Levocarnitine, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1569-1G
Levodopa, pharmaceutical secondary standard; traceability to USP, PhEur and BP	PHR1271-500MG
Levofloxacin Hemihydrate, pharmaceutical secondary standard; traceable to USP	PHR1697-1G
Levothyroxine, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1613-1G
Lidocaine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1034-1G
Lidocaine hydrochloride, pharmaceutical secondary standard; traceable to PhEur and BP	PHR1257-500MG PHR1257-5G
Lidocaine RCJ, pharmaceutical secondary standard	PHR1675-100MG
Lincomycin Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1657-1G
Lindane, pharmaceutical secondary standard; traceable to USP	PHR1244-500MG
Liothyronine, pharmaceutical secondary standard; traceable to USP	PHR1504-500MG
Lisinopril, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1143-1G
Loperamide hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1162-1G
Loratadine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1376-1G
Losartan Potassium, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1602-1G
Lovastatin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1285-1G
Lutein, pharmaceutical secondary standard; traceable to USP	PHR1699-3X100MG
Lycopene, Pharmaceutical secondary standard; traceable to USP	PHR1770-5X100MG PHR1770-500MG
L-Lysine monohydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1101-1G

* Name	Catalog Number
L-Lysine Acetate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1096-1G
Magnesium carbonate, pharmaceutical secondary standard; traceable to USP	PHR1328-5G
Magnesium Stearate, pharmaceutical secondary standard; traceable to USP	PHR1363-5G PHR1363-2.5G
Maleic acid, pharmaceutical secondary standard; traceability to USP	PHR1272-500MG
Malic acid, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1273-1G
Maltitol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1248-500MG
Maltose Monohydrate, pharmaceutical secondary standard; traceable to USP	PHR1497-1G
Mannitol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1007-1G
Medroxyprogesterone Acetate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1589-500MG
Mefloquine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1705-1G
Meqesgtrol Acetate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1583-1G
Meglumine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1324-1G
Melamine, pharmaceutical secondary standard; traceability to USP	PHR1274-1G
Melatonin, pharmaceutical secondary standard; traceable to USP, BP	PHR1767-500MG
Menadione, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1411-500MG
L-Menthol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1116-1G
Menthyl anthranilate, pharmaceutical secondary standard; traceable to USP	PHR1529-1G
Mercaptopurine	PHR1611-1G
Mesalamine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1060-1G
Mesityl Oxide, pharmaceutical secondary standard	PHR1547-3X1.2ML
Mesna, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1570-500MG
Metformin hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1084-500MG
Methacycline hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1594-1G
Methanol, pharmaceutical secondary standard; traceable to USP	PHR1372-3X1.5ML
L-Methionine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1241-1G
Methocarbamol, pharmaceutical secondary standard; traceable to USP	PHR1395-1G
Methotrexate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1396-1G
2-Methoxyethanol, pharmaceutical secondary standard; traceable to USP	PHR1544-3X1.2ML
2-(2-Methoxyphenoxy)-1,3-propanediol(Guafenesin Imp B), pharmaceutical secondary standard	PHR1543-50MG
1-Methylbiguanide hydrochloride (Metformin RCB), pharmaceutical secondary standard; traceable to USP	PHR1505-50MG
6-methyl-1,3-dihydrofuro[3,4-c]pyridin-7-ol (Pyridoxine Impurity A - PhEur), pharmaceutical secondary standard; traceable to PhEur	PHR1693-50MG
Methylene Chloride, pharmaceutical secondary standard; traceable to USP	PHR1557-3X1.2ML
Methyl Ethyl Ketone, pharmaceutical secondary standard; traceable to USP	PHR1207-3X1.2ML
6-O-Methylguanine (2-Amino-6-Methoxypurine), pharmaceutical secondary standard	PHR1719-1G
2-Methylimidazole (Ondansetron Impurity F), pharmaceutical secondary standard; traceable to PhEur	PHR1181-500MG

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Secondary

* Name	Catalog Number
Methyl Isobutyl Ketone, pharmaceutical secondary standard; traceable to USP	PHR1556-3X1.2ML
2-Methyl-5-nitroimidazole, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1195-500MG
Methylparaben, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1012-1G PHR1012-10G
Methylprednisolone, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1717-500MG
Methylprednisolone Acetate, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1718-500MG
2-Methylpyrazine, pharmaceutical secondary standard; traceable to PhEur	PHR1223-500MG
N-Methylpyrrolidone, pharmaceutical secondary standard; traceable to USP	PHR1352-2G
Methyl salicylate, pharmaceutical secondary standard; traceable to USP	PHR1214-3.2ML
Methyl-D-Sorbosonate (Ascorbic Acid Imp D), pharmaceutical secondary standard; traceable to PhEur	PHR1709-30MG
Methyl Stearate	PHR1414-1G
Methylsulfonylmethane, pharmaceutical secondary standard; traceable to USP	PHR1346-1G
Metoclopramide Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1132-1G
Metoprolol Tartrate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1076-1G
Metronidazole, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1052-1G
Miconazole, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1618-1G
(±)-Miconazole nitrate salt, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1163-1G
Mometasone Furoate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1400-500MG
Monobasic Potassium Phosphate, pharmaceutical secondary standard; traceable to USP	PHR1330-5G
Montelukast Sodium, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1603-1G
Moxifloxacin Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1542-1G
Mycophenolate Mofetil, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1451-1G
Myristic acid, pharmaceutical secondary standard; traceable to USP	PHR1124-1G
Myristyl Alcohol, pharmaceutical secondary standard; traceable to USP	PHR1135-1G
Nafcillin Sodium, pharmaceutical secondary standard; traceable to USP	PHR1704-1G
Naphthalene, pharmaceutical secondary standard; traceable to USP	PHR1275-1G
Naproxen, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1040-500MG
Naproxen sodium, pharmaceutical secondary standard; traceable to USP	PHR1165-1G
Natamycin, pharmaceutical secondary standard; traceable to USP	PHR1703-1G
Neomycin Sulfate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1491-1G
Neotame, pharmaceutical secondary standard; traceable to USP	PHR1698-1G
Nevirapine, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1757-1G
Nevirapine Related Compound A(USP), pharmaceutical secondary standard; traceable to USP	PHR1760-50MG
Nevirapine Related Compound B(USP), pharmaceutical secondary standard; traceable to USP	PHR1761-50MG
Nevirapine Related Compound C(USP), pharmaceutical secondary standard; traceable to USP	PHR1762-50MG
Niacinamide, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1033-1G

* Name	Catalog Number
Niacin (Nicotinic Acid), pharmaceutical secondary standard; traceability to USP and BP	PHR1276-1G
Nifedipine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1290-1G
Nimesulide, pharmaceutical secondary standard; traceable to PhEur	PHR1336-1G
Nimodipine, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1293-1G
Nitisinone	PHR1731-1G
Nitrotriactic acid, pharmaceutical secondary standard; traceable to USP	PHR1277-500MG
Nitrofurantoin, pharmaceutical secondary standard; traceable to USP	PHR1191-1G
Nitrofurazone, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1196-1G
4-Nitrophenol(Acetaminophen RCF), pharmaceutical secondary standard	PHR1150-1G
Norethindrone (Norethisterone), pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1714-1G
Norfloxacin, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1614-1G
Norphenylephrine Hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1536-200MG
Octinoxate, pharmaceutical secondary standard; traceable to USP	PHR1080-1G PHR1080-10G
Octisalate, pharmaceutical secondary standard; traceable to USP	PHR1081-1G PHR1081-10G
Octocrylene, pharmaceutical secondary standard; traceable to USP	PHR1083-1G PHR1083-10G
Octyldodecanol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1155-1G
Ofloxacin, pharmaceutical secondary standard; traceable to USP	PHR1168-1G
Oleic Acid, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1586-1G
Omeprazole, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1059-1G
Omeprazole Related Compound E, pharmaceutical secondary standard; traceable to USP	PHR1649-30MG
Omeprazole Related Compound I, pharmaceutical secondary standard; traceable to USP	PHR1650-30MG
Omeprazole Sulfone, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1648-30MG
Ondansetron Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1141-1G
Orlistat, pharmaceutical secondary standard; traceable to USP	PHR1445-1G
Oxaliplatin, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1528-200MG
Oxcarbazepine	PHR1635-1G
Oxybenzone, pharmaceutical secondary standard; traceable to USP	PHR1074-1G
Oxymetazoline Hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1572-500MG
Oxytetracycline, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1537-1G
Oxytetracycline Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1325-500MG
Padimate O, pharmaceutical secondary standard; traceable to USP	PHR1355-25G PHR1355-10G
Palmitic acid, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1120-1G
Pamabrom, pharmaceutical secondary standard; traceable to USP	PHR1299-1G
Pamoic Acid, pharmaceutical secondary standard; traceable to USP	PHR1407-1G
Pantolactone, pharmaceutical secondary standard; traceable to USP	PHR1465-500MG
Pantoprazole Sodium, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1604-1G

Selected Certified Reference Materials

Pharmaceuticals: Secondary

* Name	Catalog Number
Papaverine hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1182-500MG
Paromomycin Sulfate, pharmaceutical secondary standard; traceable to USP	PHR1496-500MG
Pemetrexed, pharmaceutical secondary standard; traceable to PhEur	PHR1596-500MG
4,4-Pentamethylene-2-pyrrolidinone, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1322-100MG
1-Pentanol, pharmaceutical secondary standard; traceable to USP	PHR1217-3X1.2ML
Phenacetin, pharmaceutical secondary standard; traceable to USP	PHR1249-1G
Phenacetin melting point standard, pharmaceutical secondary standard; traceable to USP	PHR1094-1G
Phenformin Hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1573-500MG
Phenol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1047-1G
Phenols Total (1000 ug/mL), certified reference material	PHEN100-100ML
Phenoxybenzamine Hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1402-1G
2-Phenoxyethanol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1121-1.5G
Phentolamine Mesylate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1403-1G
L-Phenylalanine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1100-1G
Phenylephrine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1017-500MG
Phenylephrine Hydrochloride, pharmaceutical secondary standard	PHR1695-50MG
Phenylethyl Alcohol, pharmaceutical secondary standard; traceable to USP	PHR1122-1.5G PHR1122-2G
Phenyl salicylate melting point standard, pharmaceutical secondary standard; traceable to USP	PHR1152-1G
Phenytoin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1139-1G
Phenytoin sodium, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1492-1G
Phosphated Riboflavin (Riboflavin Sodium Phosphate), pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1297-1G
Phytonadione, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1078-1G
Pilocarpine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1493-500MG
Pilocarpine Nitrate, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1494-500MG
Pioglitazone hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1632-500MG
Piperacillin, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1805-1G
Piroxicam, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1588-200MG
Polymyxin B Sulfate, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1595-500MG
Potassium Chloride, pharmaceutical secondary standard; traceable to USP	PHR1329-5G
Potassium gluconate, pharmaceutical secondary standard; traceable to USP	PHR1130-1G
Potassium Iodide, secondary pharmaceutical standard; traceable to USP	PHR1360-5G
Potassium sorbate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1278-1G
Povidone, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1250-500MG
Pramipexole Dihydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1598-500MG
Pramoxine hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1302-1G

* Name	Catalog Number
Praziquantel, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1391-1G
Prednisolone, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1043-500MG
Prednisolone Acetate, pharmaceutical secondary standard, traceable to USP, PhEur, BP	PHR1630-1G
Prednisone, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1042-1G
Procainamide hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1252-500MG
Procaine hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1161-1G
Progesterone, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1142-1G
Proguanil hydrochloride, pharmaceutical secondary standards; traceable to USP, BP	PHR1713-1G
L-Proline, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1332-500MG
Promethazine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1467-1G
1-Propanol, pharmaceutical secondary standard; traceable to USP	PHR1208-3X1.2ML
2-Propanol, pharmaceutical secondary standard; traceable to USP	PHR1072-3X1.2ML
Propranolol Hydrochloride	PHR1575-500MG
Propofol, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1663-1ML
Propranolol hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1308-1G
Propyl Acetate, pharmaceutical secondary standard; traceable to USP	PHR1548-3X1.2ML
Propylene glycol, pharmaceutical secondary standard; traceable to USP	PHR1051-1.5G
Propyl gallate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1118-1G
Propylparaben, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1010-1G PHR1010-10G
Propyphenazone, pharmaceutical secondary standard; traceable to PhEur	PHR1389-1G
Pyrazinamide, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1576-500MG
Pyridine, pharmaceutical secondary standard; traceable to USP	PHR1558-3X1.2ML
Pyridoxine hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1036-500MG
Pyriminone maleate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1340-500MG
Quercetin, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1488-1G
Quinic Acid, pharmaceutical secondary standard; traceable to USP	PHR1468-1G
Rabeprazole Sodium, pharmaceutical secondary standard; traceable to USP	PHR1525-1G
Ramipril, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1446-1G
Ranitidine hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1026-500MG
Ranitidine Related Compound A (USP), Ranitidine impurity B (PhEur), pharmaceutical secondary standard; traceable to USP	PHR1773-100MG
Ranitidine Related Compound B (USP), Ranitidine impurity A (PhEur), pharmaceutical secondary standard; traceable to USP	PHR1774-100MG
Ranitidine Related Compound C(USP), Ranitidine Impurity C(PhEur), pharmaceutical secondary standard; traceable to USP	PHR1775-100MG
Reserpine, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1750-1G
Residual Solvent - Acetonitrile	PHR1320-3X1.2ML
Residual Solvent - Benzene, pharmaceutical secondary standard; traceable to USP	PHR1318-3X1.2ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Pharmaceuticals: Secondary

* Name	Catalog Number
Residual Solvent - Chloroform, pharmaceutical secondary standard; traceable to USP	PHR1316-3X1.2ML
Residual Solvent - Methanol, pharmaceutical secondary standard; traceable to USP	PHR1170-3X1.2ML
Residual Solvent - Methylene Chloride, pharmaceutical secondary standard; traceable to USP	PHR1171-3X1.2ML
Residual Solvents Mixture - Class I , pharmaceutical secondary standard; traceable to USP and PhEur	PHR1063-3X1.2ML
Residual Solvents Mixture - Class IIA , pharmaceutical secondary standard; traceable to USP	PHR1064-3X1.2ML
Residual Solvents Mixture - Class IIB , pharmaceutical secondary standard; traceable to USP	PHR1065-3X1.2ML
Residual Solvents Mixture - Class IIC, pharmaceutical secondary standard; traceable to USP	PHR1066-3X1.2ML
Residual Solvent - Toluene	PHR1317-3X1.2ML
Residual Solvent - Trichloroethylene, pharmaceutical secondary standard; traceable to USP	PHR1319-3X1.2ML
Resorcinol, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1201-500MG
Retinyl Acetate (Vitamin A Acetate), pharmaceutical secondary standard; traceable to USP and PhEur	PHR1236-1G
Retinyl Palmitate (Vitamin A Palmitate), pharmaceutical secondary standard; traceable to USP	PHR1235-1G
Retinyl Propionate, pharmaceutical secondary standard	PHR1668-1G
Ribavirin, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1700-1G
Riboflavin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1054-1G
Rifamycin Sodium, pharmaceutical secondary standard; traceable to PhEur	PHR1664-500MG
Risperidone, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1631-500MG
Ritodrine Hydrochloride, pharmaceutical secondary standard; traceable to USP, BP	PHR1615-1G
Ritonavir , pharmaceutical secondary standard; traceable to USP, PhEur	PHR1734-1G
Ropinirole Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1633-200MG
RRO Standard Neat, certified reference material	RRONEAT-5G
Rufinamide	PHR1625-500MG
Saccharin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1341-1G
Saccharin Sodium, pharmaceutical secondary standards; traceable to USP and PhEur	PHR1348-500MG
Salicylamide, pharmaceutical secondary standard; traceable to USP	PHR1449-1G
Salicylic acid, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1013-1G
Salinity 20% Wgt Calibration Standard, certified reference material	SAL20-100ML SAL20-500ML
Scopolamine Hydrobromide	PHR1470-500MG
L-Serine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1103-1G
Simvastatin, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1438-1G
Sisomicin Sulfate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1715-1G
Sodium Alginate, pharmaceutical secondary standard	PHR1471-1G
Sodium ascorbate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1279-1G
Sodium benzoate, pharmaceutical secondary standard; traceable to USP	PHR1231-1G
Sodium chloride, pharmaceutical secondary standard; traceable to USP	PHR1321-5G
Sodium Citrate, pharmaceutical secondary standard; traceable to USP	PHR1416-1G
Sodium Dehydroacetic Acid, pharmaceutical secondary standard; traceable to USP	PHR1609-10G

* Name	Catalog Number
Sodium dodecylbenzenesulfonate, pharmaceutical secondary standard; traceable to USP	PHR1305-1G
Sodium Fluoride, certified reference material	PHR1408-1G
Sodium L-lactate, pharmaceutical secondary standard; traceable to USP	PHR1113-1G
Sodium Metabisulfite, pharmaceutical secondary standard; traceable to USP	PHR1434-1G
Sodium Nitroprusside, pharmaceutical secondary standard; traceable to USP	PHR1423-1G
Sodium Stearyl Fumarate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1444-1G
Sodium Tartrate Dihydrate, pharmaceutical secondary standard; traceable to USP	PHR1409-4X1G
Sorbic acid, pharmaceutical secondary standard; traceable to USP	PHR1367-1G
Sorbitol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1006-1G
D-sorbosonic acid (Ascorbic acid Impurity C - PhEur), pharmaceutical secondary standard; traceable to PhEur	PHR1708-30MG
Spectinomycin Hydrochloride	PHR1426-500MG
Spectinomycin Sulfate, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1441-1G
Squalane, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1417-1G
Stearic Acid, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1114-1G
Stearyl Alcohol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1115-1G
Succinic Acid, pharmaceutical secondary standard; traceable to USP	PHR1418-1G
Sucralose, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1342-500MG
Sucrose, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1001-1G
Sulfacetamide	PHR1498-1G
Sulfacetamide Sodium, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1519-1G
Sulfadiazine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1343-500MG
Sulfadimethoxine	PHR1448-500MG
Sulfamerazine, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1577-1G
Sulfamethoxazole, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1126-1G
Sulfanilamide, pharmaceutical secondary standard; traceable to USP	PHR1184-5G
Sulfanilamide melting point standard, pharmaceutical secondary standard; traceable to USP	PHR1093-1G
Sulfanilic Acid, pharmaceutical secondary standard; traceable to USP	PHR1419-500MG
Sulfapyridine melting point standard, pharmaceutical secondary standard; traceable to USP	PHR1087-1G
Tacrolimus, pharmaceutical secondary standard; traceable to USP	PHR1809-150MG
Tamsulosin hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1524-200MG
Tartaric Acid, pharmaceutical secondary standard; traceable to USP	PHR1472-1G
Taurine, pharmaceutical secondary standard; traceable to USP	PHR1109-1G
Tazobactam	PHR1686-1G
Temozolomide, pharmaceutical secondary standard; traceable to USP	PHR1437-1G
Tenofovir, pharmaceutical secondary standard; traceable to USP	PHR1592-1G
Terazosin Hydrochloride, pharmaceutical secondary standard	PHR1721-1G
Terbinafine hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1298-1G

Selected Certified Reference Materials

Pharmaceuticals: Secondary

* Name	Catalog Number
Tetracaine hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1129-1G
Tetracycline hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1041-500MG
Tetrahydrofuran, pharmaceutical secondary standard; traceable to USP	PHR1561-3X1.2ML
Theophylline, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1023-1G
Theophylline melting point standard, pharmaceutical secondary standard; traceable to USP	PHR1151-1G
Thiabendazole, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1259-500MG
Thiamine hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1037-1G
Thiamine Nitrate, pharmaceutical secondary standard; traceable to PhEur and BP	PHR1337-1G
Thiamine pyrophosphate, pharmaceutical secondary standard; traceable to USP	PHR1369-500MG
Thimerosal, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1587-1G
Thiourea, pharmaceutical secondary standard	PHR1758-200MG
Thioxothiamine (Thiamine Impurity E), pharmaceutical secondary standard	PHR1759-20MG
L-Threonine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1242-500MG
Thymine, pharmaceutical secondary standards; traceable to USP	PHR1345-250MG
Thymol, pharmaceutical secondary standard; traceable to USP	PHR1134-1G
Tobramycin, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1079-1G
Tocopheryl Acetate, a, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1030-500MG
Tocopheryl Acid Succinate, a, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1029-500MG
Tolfenamic Acid, pharmaceutical secondary standard; traceable to PhEur	PHR1629-500MG
Toluene, pharmaceutical secondary standard; traceable to USP	PHR1311-1G
o-Toluenesulfonamide, pharmaceutical secondary standard; traceable to USP	PHR1473-500MG
p-Toluenesulfonamide	PHR1474-500MG
Topiramate, pharmaceutical secondary standard; traceable to USP	PHR1600-1G
Trehalose, pharmaceutical secondary standards; traceable to USP and PhEur	PHR1344-500MG
Tretinoin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1187-3X100MG
Triacetin, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1410-1G
Triamcinolone Acetonide, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1701-1G
Triamterene	PHR1722-400MG
Tributyl 2-acetylcitrate, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1156-1G
Tributyl citrate, pharmaceutical secondary standard; traceable to USP	PHR1154-1G
Tributyl phosphate, pharmaceutical secondary standard; traceable to PhEur	PHR1205-0.5ML
3,4,4'-Trichlorocarbaniide (Triclocarban), pharmaceutical secondary standard	PHR1303-500MG
Trichloroethylene, pharmaceutical secondary standard; traceable to USP	PHR1562-3X1.2ML
Triclosan, pharmaceutical secondary standard; traceable to USP	PHR1338-1G
Trientine Hydrochloride, Pharmaceutical secondary standard; traceable to USP	PHR1495-500MG
Triethyl 2-acetylcitrate, pharmaceutical secondary standard; traceable to USP	PHR1157-1G

* Name	Catalog Number
Triethyl citrate, pharmaceutical secondary standard; traceable to USP	PHR1153-1G
4-(Trifluoromethyl)aniline (Leflunomide Related Compound A), pharmaceutical secondary standard; traceable to USP, PhEur	PHR1568-200MG
Trimeprazine Tartrate, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1749-1G
Trimethoprim, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1056-1G
2,2,4-Trimethylpentane (Isooctane), pharmaceutical secondary standard	PHR1915-3X1.2ML
Trolamine, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1578-5ML
Tromethamine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1347-1G
Tryptophan, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1176-1G
Tylosin Tartrate, pharmaceutical secondary standard; traceable to USP, PhEur and BP	PHR1508-500MG
L-Tyrosine, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1097-1G
Undecylenoyl phenylalanine (Sepiwhite), pharmaceutical secondary standard;	PHR1429-1G
Uracil, pharmaceutical secondary standard; traceable to USP; PhEur	PHR1581-100MG
Urea, pharmaceutical secondary standard; traceable to USP, PhEur, BP	PHR1406-1G
Ursodiol, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1579-500MG
Valacyclovir HCl	PHR1601-1G
Valganciclovir Hydrochloride, pharmaceutical secondary standard; traceable to USP	PHR1626-1G
L-Valine, pharmaceutical secondary standard; traceable to USP	PHR1172-1G
Valproic acid, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1061-1G
Valsartan, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1315-1G
Vancomycin hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1732-4X250MG
Vanillin, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1245-1G
Vanillin melting point standard, pharmaceutical secondary standard; traceable to USP	PHR1091-1G
Vecuronium Bromide, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1627-100MG
Venlafaxine Hydrochloride, pharmaceutical secondary standard; traceable to USP, PhEur	PHR1736-1G
(±)-Verapamil hydrochloride, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1131-1G
1-Vinyl-2-pyrrolidinone, pharmaceutical secondary standard	PHR1740-200MG
Warfarin Sodium	PHR1435-1G
o-Xylene, secondary standard traceable to NIST	PHR1312-1G
m-Xylene, pharmaceutical secondary standard; traceable to USP	PHR1313-1G
p-Xylene, pharmaceutical secondary standard; traceable to USP	PHR1314-1G
Xylitol, pharmaceutical secondary standard; traceable to USP and PhEur	PHR1280-1G
Zidovudine, pharmaceutical secondary standard; traceability to USP, PhEur and BP	PHR1292-1G
Zinc Pyrrithione, pharmaceutical secondary standard;	PHR1401-5G

3: Analytical Applications & Standards

Selected Certified Reference Materials

Physical Properties

Physical Properties

* Name	Catalog Number
Acidity Standard, ASTM D 3242 (0.0021 mg KOH/g)	CRMADKR-250ML
Acidity Standard, ASTM D 3242 (0.0083 mg KOH/g)	CRMUADKR-250ML
α -Alumina (0.10 m ² /g) (nitrogen BET specific surface area), BCR [®] certified Reference Material	BCR169-60G
α -Alumina (1.05 m ² /g) (nitrogen BET specific surface area), BCR [®] certified Reference Material	BCR170-60G
Alumina (2.95 m ² /g) (nitrogen BET specific surface area), BCR [®] certified Reference Material	BCR171-50G
Aniline Point Standard, ASTM D 611 (62.30°C)	CRMADKR-250ML
Aniline Point Standard, ASTM D 611 (58.90 °C)	CRMUADKR-250ML
AOCS-Tintometer Colour Reference Standard, 0.3R 1.7Y (5¼")	134240-500ML
AOCS-Tintometer Colour Reference Standard, 1.3R 8.8Y (5¼")	134250-500ML
AOCS-Tintometer Colour Reference Standard, 1.7R 12Y (5¼")	134260-500ML
AOCS-Tintometer Colour Reference Standard, 3.0R 22Y (5¼")	134270-500ML
Aromatics Content Standard, ASTM D 5580 (26.78%)	CRMADKR-250ML
ASTM Colour Reference Standard, ASTM D 6045, D1500 (ASTM colour <0.5)	134290-500ML
ASTM Colour Reference Standard, ASTM D 6045, D1500 (ASTM colour 1)	134000-500ML
ASTM Colour Reference Standard, ASTM D 6045, D1500 (ASTM colour 3)	134010-500ML
ASTM Colour Reference Standard, ASTM D 6045, D1500 (ASTM colour 5)	134020-500ML
ASTM Colour Reference Standard, ASTM D 6045, D1500 (ASTM colour 7)	134030-500ML
Benzene Content Standard, ASTM D 4053 / D 5580 (0.633% Vol.)	CRMBEGA-250ML
Boric acid (isotope ratio), IRMM [®] certified Reference Material, solid	IRMM011-1G
Boron- ¹⁰ B solution, IRMM [®] certified Reference Material, aqueous solution	IRMM610-5ML
Boron- ¹¹ B solution, IRMM [®] certified Reference Material	IRMM611-5ML
BS/IP/MSL Viscometer for Transparent Liquids, Size 1, Nom. Constant 0.003, Range 0.6 to 3 cSt, (non certified)	MSL01NC-1EA
BS/IP/MSL Viscometer for Transparent Liquids, Size 2, Nom. Constant 0.01, Range 2 to 10 cSt, (non certified)	MSL02NC-1EA
BS/IP/MSL Viscometer for Transparent Liquids, Size 3, Nom. Constant 0.03, Range 6 to 30 cSt, (non certified)	MSL03NC-1EA
BS/IP/MSL Viscometer for Transparent Liquids, Size 4, Nom. Constant 0.1, Range 20 to 100 cSt, (non certified)	MSL04NC-1EA
BS/IP/MSL Viscometer for Transparent Liquids, Size 5, Nom. Constant 0.3, Range 60 to 300 cSt, (non certified)	MSL05NC-1EA
BS/IP/MSL Viscometer for Transparent Liquids, Size 6, Nom. Constant 1.0, Range 200 to 1,000 cSt, (non certified)	MSL06NC-1EA
BS/IP/MSL Viscometer for Transparent Liquids, Size 7, Nom. Constant 3.0, Range 600 to 3,000 cSt, (non certified)	MSL07NC-1EA
BS/IP/MSL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 1, Nom. Constant 0.003, Range 0.6 to 3 cSt	MSL01UKC-1EA
BS/IP/MSL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 2, Nom. Constant 0.01, Range 2 to 10 cSt	MSL02UKC-1EA
BS/IP/MSL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 3, Nom. Constant 0.03, Range 6 to 30 cSt	MSL03UKC-1EA
BS/IP/MSL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 4, Nom. Constant 0.1, Range 20 to 100 cSt	MSL04UKC-1EA

* Name	Catalog Number
BS/IP/MSL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 5, Nom. Constant 0.3, Range 60 to 300 cSt	MSL05UKC-1EA
BS/IP/MSL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 6, Nom. Constant 1.0, Range 200 to 1,000 cSt	MSL06UKC-1EA
BS/IP/MSL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 7, Nom. Constant 3.0, Range 600 to 3,000 cSt	MSL07UKC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, Size 1, Nom. Constant 0.003, Range 0.6 to 3 cSt	RF01NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, (Size 2, Nom. Constant 0.01, Range 2 to 10 cSt)	RF02NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, (Size 3, Nom. Constant 0.03, Range 6 to 30 cSt)	RF03NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, (Size 4, Nom. Constant 0.1, Range 20 to 100 cSt)	RF04NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, (Size 5, Nom. Constant 0.3, Range 60 to 300 cSt)	RF05NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, (Size 6, Nom. Constant 1, Range 200 to 1000 cSt)	RF06NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, (Size 7, Nom. Constant 3, Range 600 to 3000 cSt)	RF07NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, (Size 8, Nom. Constant 10, Range 2000 to 10,000 cSt)	RF08NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, (Size 9, Nom. Constant 30, Range 6000 to 30,000 cSt)	RF09NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, (Size 10, Nom. Constant 100, Range 20,000 to 100,000 cSt)	RF10NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids, (Size 11, Nom. Constant 300, Range 60,000 to 300,000 cSt)	RF11NC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 1, Nom. Constant 0.003, Range 0.6 to 3 cSt	RF01UKC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), (Size 2, Nom. Constant 0.01, Range 2 to 10 cSt)	RF02UKC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), (Size 3, Nom. Constant 0.03, Range 6 to 30 cSt)	RF03UKC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), (Size 4, Nom. Constant 0.1, Range 20 to 100 cSt)	RF04UKC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), (Size 5, Nom. Constant 0.3, Range 60 to 300 cSt)	RF05UKC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), (Size 6, Nom. Constant 1, Range 200 to 1000 cSt)	RF06UKC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), (Size 7, Nom. Constant 3, Range 600 to 3000 cSt)	RF07UKC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), (Size 8, Nom. Constant 10, Range 2000 to 10,000 cSt)	RF08UKC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), (Size 9, Nom. Constant 30, Range 6000 to 30,000 cSt)	RF09UKC-1EA
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), (Size 10, Nom. Constant 100, Range 20,000 to 100,000 cSt)	RF10UKC-1EA

Selected Certified Reference Materials

Physical Properties

* Name	Catalog Number
BS/IP/RF U-Tube Reverse Flow Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), (Size 11, Nom. Constant 300, Range 60,000 to 300,000 cSt)	RF11UKC-1EA
BS/IP/SL Viscometer for Transparent Liquids, Size 1 Nom. Constant 0.01, Range 3.5 to 10 cSt, (non certified)	BSIPSL1NC-1EA
BS/IP/SL Viscometer for Transparent Liquids, Size 1A Nom. Constant 0.03, Range 6 to 30 cSt, (non certified)	BSIPSL1ANC-1EA
BS/IP/SL Viscometer for Transparent Liquids, Size 2 Nom. Constant 0.1, Range 20 to 100 cSt, (non certified)	BSIPSL2NC-1EA
BS/IP/SL Viscometer for Transparent Liquids, Size 2A Nom. Constant 0.3, Range 60 to 300 cSt, (non certified)	BSIPSL2ANC-1EA
BS/IP/SL Viscometer for Transparent Liquids, Size 3 Nom. Constant 1.0, Range 200 to 1,000 cSt, (non certified)	BSIPSL3NC-1EA
BS/IP/SL Viscometer for Transparent Liquids, Size 3A Nom. Constant 3.0, Range 600 to 3,000 cSt, (non certified)	BSIPSL3ANC-1EA
BS/IP/SL Viscometer for Transparent Liquids, Size 4 Nom. Constant 10, Range 2,000 to 10,000 cSt, (non certified)	BSIPSL4NC-1EA
BS/IP/SL Viscometer for Transparent Liquids, Size 4A Nom. Constant 30, Range 6,000 to 30,000 cSt, (non certified)	BSIPSL4ANC-1EA
BS/IP/SL Viscometer for Transparent Liquids, Size 5 Nom. Constant 100, Range 20,000 to 100,000 cSt, (non certified)	BSIPSL5NC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids, Size 1, Nom. Constant 0.0008, Range 1.05 min, (non certified)	SHORT01NC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids, Size 2, Nom. Constant 0.003, Range 2.1 to 3 cSt, (non certified)	SHORT02NC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids, Size 3, Nom. Constant 0.01, Range 3.8 to 10 cSt, (non certified)	SHORT03NC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids, Size 4, Nom. Constant 0.03, Range 6 to 30 cSt, (non certified)	SHORT04NC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids, Size 5, Nom. Constant 0.1, Range 20 to 100 cSt, (non certified)	SHORT05NC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids, Size 6, Nom. Constant 0.3, Range 60 to 300 cSt, (non certified)	SHORT06NC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids, Size 7, Nom. Constant 1, Range 200 to 1,000 cSt, (non certified)	SHORT07NC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids, Size 8, Nom. Constant 3, Range 600 to 3,000 cSt, (non certified)	SHORT08NC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids, Size 9, Nom. Constant 10, Range 2,000 to 10,000 cSt, (non certified)	SHORT09NC-1EA
BS/IP/SL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 1A Nom. Constant 0.03, Range 6 to 30 cSt	BSIPSL1AUKC-1EA
BS/IP/SL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 1 Nom. Constant 0.01, Range 3.5 to 10 cSt	BSIPSL1UKC-1EA
BS/IP/SL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 2 Nom. Constant 0.1, Range 20 to 100 cSt	BSIPSL2UKC-1EA
BS/IP/SL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 2A Nom. Constant 0.3, Range 60 to 300 cSt	BSIPSL2AUKC-1EA
BS/IP/SL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 3 Nom. Constant 1.0, Range 200 to 1,000 cSt	BSIPSL3UKC-1EA
BS/IP/SL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 3A Nom. Constant 3.0, Range 600 to 3,000 cSt	BSIPSL3AUKC-1EA

* Name	Catalog Number
BS/IP/SL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 4 Nom. Constant 10, Range 2,000 to 10,000 cSt	BSIPSL4UKC-1EA
BS/IP/SL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 4A Nom. Constant 30, Range 6,000 to 30,000 cSt	BSIPSL4AUKC-1EA
BS/IP/SL Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 5 Nom. Constant 100, Range 20,000 to 100,000 cSt	BSIPSL5UKC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 1, Nom. Constant 0.0008, Range 1.05 min	SHORT01UKC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 2, Nom. Constant 0.003, Range 2.1 to 3 cSt	SHORT02UKC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 3, Nom. Constant 0.01, Range 3.8 to 10 cSt	SHORT03UKC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 4, Nom. Constant 0.03, Range 6 to 30 cSt	SHORT04UKC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 5, Nom. Constant 0.1, Range 20 to 100 cSt	SHORT05UKC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 6, Nom. Constant 0.3, Range 60 to 300 cSt	SHORT06UKC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 7, Nom. Constant 1, Range 200 to 1,000 cSt	SHORT07UKC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 8, Nom. Constant 3, Range 600 to 3,000 cSt	SHORT08UKC-1EA
BS/IP/SL(S) Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 9, Nom. Constant 10, Range 2,000 to 10,000 cSt	SHORT09UKC-1EA
BS/U/M Miniature Viscometer for Transparent Liquids, Size M1, Nom. Constant 0.001, Range 0.2 to 1 cSt, (non certified)	MINIU01NC-1EA
BS/U/M Miniature Viscometer for Transparent Liquids, Size M2, Nom. Constant 0.005, Range 1 to 5 cSt, (non certified)	MINIU02NC-1EA
BS/U/M Miniature Viscometer for Transparent Liquids, Size M3, Nom. Constant 0.015, Range 3 to 15 cSt, (non certified)	MINIU03NC-1EA
BS/U/M Miniature Viscometer for Transparent Liquids, Size M4, Nom. Constant 0.04, Range 8 to 40 cSt, (non certified)	MINIU04NC-1EA
BS/U/M Miniature Viscometer for Transparent Liquids, Size M5, Nom. Constant 0.1, Range 20 to 100 cSt, (non certified)	MINIU05NC-1EA
BS/U/M Miniature Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size M1, Nom. Constant 0.001, Range 0.2 to 1 cSt	MINIU01UKC-1EA
BS/U/M Miniature Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size M2, Nom. Constant 0.005, Range 1 to 5 cSt	MINIU02UKC-1EA
BS/U/M Miniature Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size M3, Nom. Constant 0.015, Range 3 to 15 cSt	MINIU03UKC-1EA
BS/U/M Miniature Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size M4, Nom. Constant 0.04, Range 8 to 40 cSt	MINIU04UKC-1EA
BS/U/M Miniature Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size M5, Nom. Constant 0.1, Range 20 to 100 cSt	MINIU05UKC-1EA
BS/U-tube Viscometer for Transparent Liquids, Size A, Nom. Constant 0.003, Range 0.9 to 3 cSt, (non certified)	U01NC-1EA
BS/U-tube Viscometer for Transparent Liquids, Size B, Nom. Constant 0.01, Range 2.0 to 10 cSt, (non certified)	U02NC-1EA
BS/U-tube Viscometer for Transparent Liquids, Size C, Nom. Constant 0.3, Range 6 to 30 cSt, (non certified)	U03NC-1EA

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

Physical Properties

* Name	Catalog Number
BS/U-tube Viscometer for Transparent Liquids, Size D, Nom. Constant 0.1, Range 20 to 100 cSt, (non certified)	U04NC-1EA
BS/U-tube Viscometer for Transparent Liquids, Size E, Nom. Constant 0.3, Range 60 to 300 cSt, (non certified)	U05NC-1EA
BS/U-tube Viscometer for Transparent Liquids, Size F, Nom. Constant 1.0, Range 200 to 1,000 cSt, (non certified)	U06NC-1EA
BS/U-tube Viscometer for Transparent Liquids, Size G, Nom. Constant 3.0, Range 600 to 3,000 cSt, (non certified)	U07NC-1EA
BS/U-tube Viscometer for Transparent Liquids, Size H, Nom. Constant 10.0, Range 2,000 to 10,000 cSt, (non certified)	U08NC-1EA
BS/U-tube Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size A, Nom. Constant 0.003, Range 0.9 to 3 cSt	U01UKC-1EA
BS/U-tube Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size B, Nom. Constant 0.01, Range 2.0 to 10 cSt	U02UKC-1EA
BS/U-tube Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size C, Nom. Constant 0.3, Range 6 to 30 cSt	U03UKC-1EA
BS/U-tube Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size D, Nom. Constant 0.1, Range 20 to 100 cSt	U04UKC-1EA
BS/U-tube Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size E, Nom. Constant 0.3, Range 60 to 300 cSt	U05UKC-1EA
BS/U-tube Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size F, Nom. Constant 1.0, Range 200 to 1,000 cSt	U06UKC-1EA
BS/U-tube Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size G, Nom. Constant 3.0, Range 600 to 3,000 cSt	U07UKC-1EA
BS/U-tube Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size H, Nom. Constant 10.0, Range 2,000 to 10,000 cSt	U08UKC-1EA
Cadmium- ¹¹¹ Cd solution, IRMM® certified Reference Material, 1 M in nitric acid	IRMM622-4ML
Cadmium- ¹¹¹ Cd solution, IRMM® certified Reference Material, 1 M in nitric acid	IRMM621-4ML
Calcium ⁴¹ Ca / ⁴⁰ Ca (certified for isotope abundance ratio), ERM® certified Reference Material	ERMAE701-1SET
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 25, Nom. Constant 0.002, Range 0.4 to 2 cSt, (non certified)	CFO01NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 50, Nom. Constant 0.004, Range 0.8 to 4 cSt, (non certified)	CFO02NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 75, Nom. Constant 0.008, Range 1.6 to 8 cSt, (non certified)	CFO03NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 100, Nom. Constant 0.015, Range 3 to 15 cSt, (non certified)	CFO04NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 150, Nom. Constant 0.035, Range 7 to 35 cSt, (non certified)	CFO05NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 200, Nom. Constant 0.1, Range 20 to 100 cSt, (non certified)	CFO06NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 300, Nom. Constant 0.25, Range 50 to 200 cSt, (non certified)	CFO07NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 350, Nom. Constant 0.5, Range 100 to 500 cSt, (non certified)	CFO08NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 400, Nom. Constant 1.2, Range 240 to 1,200 cSt, (non certified)	CFO09NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 450, Nom. Constant 2.5, Range 500 to 2,500 cSt, (non certified)	CFO10NC-1EA

* Name	Catalog Number
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 500, Nom. Constant 8, Range 1,600 to 8,000 cSt, (non certified)	CFO11NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 600, Nom. Constant 20, Range 4,000 to 20,000 cSt, (non certified)	CFO12NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 650, Nom. Constant 50, Range 10,000 to 50,000 cSt, (non certified)	CFO13NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids, Size 700, Nom. Constant 100, Range 20,000 to 100,000 cSt, (non certified)	CFO14NC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 25, Nom. Constant 0.002, Range 0.4 to 2 cSt	CFO01UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 50, Nom. Constant 0.004, Range 0.8 to 4 cSt	CFO02UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 75, Nom. Constant 0.008, Range 1.6 to 8 cSt	CFO03UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 100, Nom. Constant 0.015, Range 3 to 15 cSt	CFO04UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 150, Nom. Constant 0.035, Range 7 to 35 cSt	CFO05UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 200, Nom. Constant 0.1, Range 20 to 100 cSt	CFO06UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 300, Nom. Constant 0.25, Range 50 to 200 cSt	CFO07UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 350, Nom. Constant 0.5, Range 100 to 500 cSt	CFO08UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 400, Nom. Constant 1.2, Range 240 to 1,200 cSt	CFO09UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 450, Nom. Constant 2.5, Range 500 to 2,500 cSt	CFO10UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 500, Nom. Constant 8, Range 1,600 to 8,000 cSt	CFO11UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 600, Nom. Constant 20, Range 4,000 to 20,000 cSt	CFO12UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 650, Nom. Constant 50, Range 10,000 to 50,000 cSt	CFO13UKC-1EA
Cannon-Fenske Opaque Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 700, Nom. Constant 100, Range 20,000 to 100,000 cSt	CFO14UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 25, Nom. Constant 0.002, Range 0.5 to 2 cSt, (non certified)	CFR01NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 50, Nom. Constant 0.004, Range 0.8 to 4 cSt, (non certified)	CFR02NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 75, Nom. Constant 0.008, Range 1.6 to 8 cSt, (non certified)	CFR03NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 100, Nom. Constant 0.015, Range 3 to 15 cSt, (non certified)	CFR04NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 150, Nom. Constant 0.035, Range 7 to 35 cSt, (non certified)	CFR05NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 200, Nom. Constant 0.1, Range 20 to 100 cSt, (non certified)	CFR06NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 300, Nom. Constant 0.25, Range 50 to 250 cSt, (non certified)	CFR07NC-1EA

Selected Certified Reference Materials

Physical Properties

* Name	Catalog Number
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 350, Nom. Constant 0.5, Range 100 to 500 cSt, (non certified)	CFR08NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 400, Nom. Constant 1.2, Range 240 to 1,200 cSt, (non certified)	CFR09NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 450, Nom. Constant 2.5, Range 500 to 2,500 cSt, (non certified)	CFR10NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 500, Nom. Constant 8, Range 1,600 to 8,000 cSt, (non certified)	CFR11NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 600, Nom. Constant 20, Range 4,000 to 20,000 cSt, (non certified)	CFR12NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids, Size 650, Nom. Constant 50, Range 10,000 to 50,000 cSt, (non certified)	CFR13NC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 25, Nom. Constant 0.002, Range 0.5 to 2 cSt	CFR01UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 50, Nom. Constant 0.004, Range 0.8 to 4 cSt	CFR02UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 75, Nom. Constant 0.008, Range 1.6 to 8 cSt	CFR03UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 100, Nom. Constant 0.015, Range 3 to 15 cSt	CFR04UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 150, Nom. Constant 0.035, Range 7 to 35 cSt	CFR05UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 200, Nom. Constant 0.1, Range 20 to 100 cSt	CFR06UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 300, Nom. Constant 0.25, Range 50 to 250 cSt	CFR07UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 350, Nom. Constant 0.5, Range 100 to 500 cSt	CFR08UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 400, Nom. Constant 1.2, Range 240 to 1,200 cSt	CFR09UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 450, Nom. Constant 2.5, Range 500 to 2,500 cSt	CFR10UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 500, Nom. Constant 8, Range 1,600 to 8,000 cSt	CFR11UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 600, Nom. Constant 20, Range 4,000 to 20,000 cSt	CFR12UKC-1EA
Cannon-Fenske Routine Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 650, Nom. Constant 50, Range 10,000 to 50,000 cSt	CFR13UKC-1EA
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J300	VISCCS14-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J301	VISCCS8-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J302	CL08-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J303	CL09-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J304	CL10-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J305	CL11-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J306	CL12-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J307	CL13-500ML

* Name	Catalog Number
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J308	CL14-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J309	CL15-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J310	CL16-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J311	CL17-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J312	CL19-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J313	CL20-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J314	CL22-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J315	CL24-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J316	CL25-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J317	CL26-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J318	CL28-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J319	CL30-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J320	CL32-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J321	CL34-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J322	CL38-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J323	CL42-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J324	CL48-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J325	CL53-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J326	CL60-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J327	CL68-500ML
CCS Viscosity Standard, ASTM D 5293 and SAE Specification J328	CL74-500ML
Certified Reference Material Fatty Acid Methyl Ester (FAME) Standard, Diesel	CRMFAGO-250ML
Certified Viscosity Check Oil, 5W30	CVC05W30-5L CVC05W30-500ML
Certified Viscosity Check Oil, 10W30	CVC10W30-500ML CVC10W30-5L
Certified Viscosity Check Oil, 15W40	CVC15W40-5L CVC15W40-500ML
Cetane Number Standard, ASTM D 613 (52.6)	CRMCNGO-1000ML
CFPP Standard, CFPP IP 309; ASTM D 6371 (-27.1°C)	CRMUCFGO-250ML
CFPP Standard, CFPP ASTM D 6371; EN 116 / IP 309 (-17.4 °C)	CRMUCFGO1-250ML
Chlorine ³⁵ Cl (certified for isotope abundance ratio), ERM [®] certified Reference Material	ERMAE641-4ML
Chlorine ³⁷ Cl (certified for isotope abundance ratio), ERM [®] certified Reference Material	ERMAE642-4ML
Chromium- ⁵⁰ Cr solution, IRMM [®] certified Reference Material, 1 M in hydrochloric acid	IRMM624-5ML
Chromium ⁵² Cr solution, IRMM [®] certified Reference Material, 1 M in hydrochloric acid	IRMM625-5ML
Chromium- ⁵² Cr solution, IRMM [®] certified Reference Material, 1 M in hydrochloric acid	IRMM012-5ML
Cloud Point Standard, IP 219; ASTM D 2500 / ISO 3015 (-5.8°C)	CRMUCPGO-250ML
Cloud Point Standard, ASTM D 2500; NF EN23015 (-6.6°C)	CRMCPGO-250ML
Copper, ⁶³ Cu (certified for isotope abundance ratio), ERM [®] certified Reference Material	ERMAE647-4ML

*Products not featured in EEA (European Economic Area) countries. For more details, contact your Account Manager.

3: Analytical Applications & Standards

Selected Certified Reference Materials

Physical Properties

* Name	Catalog Number
Copper- ⁶⁵ Cu solution, IRMM® certified Reference Material, 1 M in nitric acid	IRMM632-5ML
Copper natural (certified for isotope abundance ratio), ERM® certified Reference Material	ERMAE633-4ML
Density Standard, ASTM D 4052; ISO 12185 (0.73576 g/mL, 15 °C)	CRMDEGA-250ML
Density Standard, ASTM D 4052; ISO 12185 (0.7933 g/mL, 15 °C)	CRMDEKR-250ML
Density Standard, ASTM D4052; ISO 12185 (0.79672 g/mL, 15 °C)	CRMUDEKR-250ML
Density Standard, ASTM D 4052; ISO 12185 (0.83294g/mL, 15 °C)	CRMDEGO-250ML
Density Standard, ASTM D 4052; IP 365 / ISO 12185 (0.8355g/mL, 15 °C)	CRMUDEGO-250ML
Density Standard, ASTM D 4052; IP 365 / ISO 12185 (0.7377g/mL, 15 °C)	CRMUDEGA-250ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.6643 g/mL at 15 °C	DEN1501-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.7306 g/mL at 15 °C	DEN1502-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8118 g/mL at 15 °C	DEN1503-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8118 g/mL at 15 °C	DEN1504-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8536 g/mL at 15 °C	DEN1505-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8628 g/mL at 15 °C	DEN1506-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8782 g/mL at 15 °C	DEN1507-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.9413 g/mL at 15 °C	DEN1508-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.9829 g/mL at 15 °C	DEN1509-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 1.0269 g/mL at 15 °C	DEN1510-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 1.0695 g/mL at 15 °C	DEN1511-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 1.1283 g/mL at 15 °C	DEN1512-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 1.1963 g/mL at 15 °C	DEN1513-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 1.2878 g/mL at 15 °C	DEN1514-60ML
Density Standard (15 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 1.6309 g/mL at 15 °C	DEN1515-60ML
Density Standard (20 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.6597 g/mL at 20 °C	DEN2001-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.7264 g/mL at 20 °C	DEN2002-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.7788 g/mL at 20 °C	DEN2003-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.8383 g/mL at 20 °C	DEN2004-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.8556 g/mL at 20 °C	DEN2005-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.8708 g/mL at 20 °C	DEN2006-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.9376 g/mL at 20 °C	DEN2007-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.9817 g/mL at 20 °C	DEN2008-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.0257 g/mL at 20 °C	DEN2009-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.0677 g/mL at 20 °C	DEN2010-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.1258 g/mL at 20 °C	DEN2011-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.1917 g/mL at 20 °C	DEN2012-60ML

* Name	Catalog Number
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.2849 g/mL at 20 °C	DEN2013-60ML
Density Standard (20 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.6226 g/mL at 20 °C	DEN2014-60ML
Density Standard (25 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.6552 g/mL at 25 °C	DEN2501-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.7223 g/mL at 25 °C	DEN2502-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.775 g/mL at 25 °C	DEN2503-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.8349 g/mL at 25 °C	DEN2504-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.8678 g/mL at 25 °C	DEN2505-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.934 g/mL at 25 °C	DEN2506-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 0.9803 g/mL at 25 °C	DEN2507-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.0242 g/mL at 25 °C	DEN2508-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.0657 g/mL at 25 °C	DEN2509-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.1233 g/mL at 25 °C	DEN2510-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.1869 g/mL at 25 °C	DEN2511-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.2819 g/mL at 25 °C	DEN2512-60ML
Density Standard (25 °C), (UKAS ISO/IEC17025 and ISO Guide 34 certified), density: 1.6143 g/mL at 25 °C	DEN2513-60ML
Density Standard (40 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.6415 g/mL at 40 °C	DEN4001-60ML
Density Standard (40 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.7097 g/mL at 40 °C	DEN4002-60ML
Density Standard (40 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.794 g/mL at 40 °C	DEN4003-60ML
Density Standard (40 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8247 g/mL at 40 °C	DEN4004-60ML
Density Standard (40 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8706 g/mL at 40 °C	DEN4005-60ML
Density Standard (50 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.787 g/mL at 50 °C	DEN5001-60ML
Density Standard (50 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8269 g/mL at 50 °C	DEN5002-60ML
Density Standard (50 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8649 g/mL at 50 °C	DEN5003-60ML
Density Standard (60 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.796 g/mL at 60 °C	DEN6001-60ML
Density Standard (60 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8243 g/mL at 60 °C	DEN6002-60ML
Density Standard (60 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8675 g/mL at 60 °C	DEN6003-60ML
Density Standard (80 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.7823 g/mL at 80 °C	DEN8001-60ML
Density Standard (80 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8227 g/mL at 80 °C	DEN8002-60ML
Density Standard (80 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8568 g/mL at 80 °C	DEN8003-60ML
Density Standard (100 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.768 g/mL at 100 °C	DEN10001-60ML
Density Standard (100 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8103 g/mL at 100 °C	DEN10002-60ML
Density Standard (100 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8541 g/mL at 100 °C	DEN10003-60ML
Density Standard (150 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.7324 g/mL at 150 °C	DEN15001-60ML
Density Standard (150 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.7795 g/mL at 150 °C	DEN15002-60ML
Density Standard (150 °C), UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.8277 g/mL at 150 °C	DEN15003-60ML

Selected Certified Reference Materials

Physical Properties

* Name	Catalog Number
Diesel, Multi-Parameter Certified Reference Material	CRMMPGO-500ML
Distillation Standard, ASTM D 86; NF EN ISO 3405 (30-178.6 °C)	CRMDIGA-250ML
Distillation Standard, ASTM D 86; NF EN ISO 3405 (148.1 - 260.3 °C)	CRMUDIKR-250ML
Distillation Standard, ASTM D 86; NF EN ISO 3405 (151-269 °C)	CRMDIKR-250ML
Distillation Standard, ASTM D 86; NF EN ISO 3405 (164-357 °C)	CRMDIGO-250ML
Distillation Standard, ASTM D 86; IP 23 / ISO 3405 (168.5-360.1 °C)	CRMUDIGO-250ML
Faujasite Type Zeolite, BCR® certified Reference Material	BCR704-10G
FIA Aromatics Standard, ASTM D 1319 (15.18% vol)	CRMFIKR-250ML
FIA Aromatics Standard, ASTM D 1319 (16.53% vol)	CRMUFIKR-250ML
Flash Point Standard, Abel IP 170 (41.2 °C)	CRMUABKR-250ML
Flash Point Standard, Abel IP 170 (41.9 °C)	CRMABKR-250ML
Flash Point Standard, COC ASTM D 92 (85.0 °C)	CRMCOCLW-3X80ML
Flash Point Standard, COC ASTM D 92 (153.0 °C)	CRMCOCMID-3X80ML
Flash Point Standard, COC ASTM D 92 (256.8 °C)	CRMUFCLU-250ML
Flash Point Standard, COC ASTM D 92 (262.0 °C)	CRMCOHIGH-3X80ML
Flash Point Standard, PMCC ASTM D 93 Proc A (57.3 °C)	CRMUPMGO-250ML
Flash Point Standard, PMCC ASTM D 93 Proc A (58.2 °C)	CRMPMGO-250ML
Flash Point Standard, PMCC ASTM D 93 Proc A (77.5 °C)	CRMPMCCLOW-3X80ML
Flash Point Standard, PMCC ASTM D 93 Proc B (105.7 °C)	CRMUPMLUB-250ML
Flash Point Standard, PMCC ASTM D 93 Proc A (141.0 °C)	CRMPMCCMID-3X80ML
Flash Point Standard, PMCC ASTM D 93 Proc B (190.5 °C)	CRMUPMLU-250ML
Flash Point Standard, PMCC ASTM D 93 Proc A (228.0 °C)	CRMPMCCHIGH-3X80ML
Flash Point Standard, TAG ASTM D56 (43.1 °C)	CRMTAKR-250ML
Flash Point Standard - Cleveland Open Cup, certified reference material, ASTM D 92 (85 °C)	FPCOC1-3X80ML
Flash Point Standard - Cleveland Open Cup, certified reference material, ASTM D 92 (112 °C)	FPCOC6-3X80ML
Flash Point Standard - Cleveland Open Cup, certified reference material, ASTM D 92 (148 °C)	FPCOC3-3X80ML
Flash Point Standard - Cleveland Open Cup, certified reference material, ASTM D 92 (188 °C)	FPCOC4-3X80ML
Flash Point Standard - Cleveland Open Cup, certified reference material, ASTM D 92 (257 °C)	FPCOC5-3X80ML
Flash Point Standard - Pensky Martens, certified reference material, ASTM D 93 Proc. A (59.0 °C)	FPPMCC1-3X80ML
Flash Point Standard - Pensky Martens, certified reference material, ASTM D 93 Proc. A (76.5 °C)	FPPMCC2-3X80ML
Flash Point Standard - Pensky Martens, certified reference material, ASTM D 93 Proc. A (116.0 °C)	FPPMCC3-3X80ML
Flash Point Standard - Pensky Martens, certified reference material, ASTM D 93 Proc. A (143.0 °C)	FPPMCC4-3X80ML
Flash Point Standard - Pensky Martens, certified reference material, ASTM D 93 Proc. A (184.0 °C)	FPPMCC5-3X80ML
Flash Point Standard - Pensky Martens, certified reference material, ASTM D 93 Proc. A (232.0 °C)	FPPMCC6-3X80ML
Flow Cup Viscosity Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 8.945 mPa.s (20 °C)	C6-500ML
Flow Cup Viscosity Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 17.78 mPa.s (20 °C)	C10-500ML
Flow Cup Viscosity Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 37.22 mPa.s (20 °C)	C20-500ML
Flow Cup Viscosity Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 72.9 mPa.s (20 °C)	C35-500ML
Flow Cup Viscosity Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 135.9 mPa.s (20 °C)	C60-500ML

* Name	Catalog Number
Flow Cup Viscosity Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 281.4 mPa.s (20 °C)	C100-500ML
Flow Cup Viscosity Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 557.7 mPa.s (20 °C)	C200-500ML
Flow Cup Viscosity Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 1044 mPa.s (20 °C)	C350-500ML
Flow Cup Viscosity Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 1882 mPa.s (20 °C)	C600-500ML
Freezing Point Standard, ASTM D 2386 (-54.7 °C)	CRMFRKR-250ML
Freezing Point Standard, ASTM D 2386 (-54.1 °C)	CRMUFRKR-250ML
Gardner Colour Reference Standard, ASTM D 1544, D 6166 (ASTM colour 2)	134200-500ML
Gardner Colour Reference Standard, ASTM D 1544, D 6166 (ASTM colour 5)	134210-500ML
Gardner Colour Reference Standard, ASTM D 1544, D 6166 (ASTM colour 8)	134220-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 0.2950 mPa.s (25 °C)	N.4-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 0.5204 mPa.s (25 °C)	N.8-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 2.144 mPa.s (25 °C)	N2-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 3.291 mPa.s (25 °C)	S3-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 4.745 mPa.s (25 °C)	D5-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 7.442 mPa.s (25 °C)	S6-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 10.37 mPa.s (25 °C)	D10-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 14.42 mPa.s (25 °C)	N10-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 20.4 mPa.s (25 °C)	N14-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 29.04 mPa.s (25 °C)	S20-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 48.59 mPa.s (25 °C)	N26-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 55.36 mPa.s (25 °C)	N35-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 71.11 mPa.s (25 °C)	N44-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 100.7 mPa.s (25 °C)	S60-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 124.9 mPa.s (25 °C)	N75-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 202.6 mPa.s (25 °C)	N100-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 258 mPa.s (25 °C)	N140-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 392 mPa.s (25 °C)	S200-500ML
General Purpose Viscosity Standard; UKAS ISO/IEC17025 and ISO Guide 34 certified, viscosity 494 mPa.s (25 °C)	D500-500ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Physical Properties

* Name	Catalog Number
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 717.4 mPa.s (25 °C)	N350-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 796.5 mPa.s (25 °C)	N415-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 990.0 mPa.s (25 °C)	D1000-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 1273 mPa.s (25 °C)	S600-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 1690 mPa.s (25 °C)	N750-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 2610 mPa.s (25 °C)	N1000-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 3481 mPa.s (25 °C)	N1400-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 4599 mPa.s (25 °C)	S2000-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 4881 mPa.s (25 °C)	N250-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 5738 mPa.s (25 °C)	D5000-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 6618 mPa.s (25 °C)	N2500-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 7657 mPa.s (25 °C)	D7500-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 10030 mPa.s (25 °C)	N4000-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 15406 mPa.s (25 °C)	N5100-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 19588 mPa.s (25 °C)	S8000-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 30991 mPa.s (25 °C)	N10200-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 40049 mPa.s (25 °C)	N15000-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 80886 mPa.s (25 °C)	N30000-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 72328 mPa.s (25 °C)	S30000-500ML
General Purpose Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 54900 mPa.s (25 °C)	N18000-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 1.605 mPa.s (60 °C)	S3S-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 2.935 mPa.s (60 °C)	S6S-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 7.806 mPa.s (60 °C)	S20S-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 20.05 mPa.s (60 °C)	S60S-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 34.33 mPa.s (60 °C)	N100S-500ML

* Name	Catalog Number
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 57.98 mPa.s (60 °C)	S200S-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 149.2 mPa.s (60 °C)	N600-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 149.2 mPa.s (60 °C)	S600S-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 431.7 mPa.s (60 °C)	N2000-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 431.7 mPa.s (60 °C)	S2000S-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 1533 mPa.s (60 °C)	S8000S-500ML
High Temperature Viscosity Standard; UKAS ISO/ IEC17025 and ISO Guide 34 certified, viscosity 4897 mPa.s (60 °C)	N30000S-500ML
Iron- ⁵⁶ Fe solution, IRMM® certified Reference Material, 1.8 M in hydrochloric acid	IRMM634-5ML
Iron- ⁵⁷ Fe solution, IRMM® certified Reference Material, 0.17335 mmol/kg in 4.5 M HCl	IRMM620-5ML
Limestone powders (for shear testing), BCR® certified Reference Material	BCR116-3.2KG
Linde Type A Zeolite, BCR® certified Reference Material	BCR705-10G
Lithium- ⁶ Li solution, IRMM® certified Reference Material, 0.05 M in hydrochloric acid	IRMM615-5ML
Lithium carbonate- ⁷ Li, IRMM® certified Reference Material	IRMM016-1G
Lithium chloride solution, 2 M in ethanol	LCL30-3X30ML LCL30-5X30ML LCL30-10X30ML
Lovibond RYBN Colour Reference Standard, 0.4R 1.9Y 0.1N (5¼")	134080-500ML
Lovibond RYBN Colour Reference Standard, 1.0R 4.3Y 0.1N (5¼")	134090-500ML
Lovibond RYBN Colour Reference Standard, 1.4R 7.3Y 0.2 N (5¼")	134100-500ML
Lovibond RYBN Colour Reference Standard, 1.6R 11.0Y 0.1N (5¼")	134110-500ML
Lovibond RYBN Colour Reference Standard, 2.0R 14.0Y 0.1N (5¼")	134120-500ML
Lovibond RYBN Colour Reference Standard, 2.9R 22.0Y 0.5N (5¼")	134130-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	J10-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	N2B-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	N14B-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	N27B-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	N105B-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	N120B-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	N115B-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	N400B-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	N480B-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	N1400B-500ML
Low Temperature Viscosity Standard, ASTM D 2162 traceable	P60W0C-500ML
Low Temperature Viscosity Standard, JF1-H	JF1H-500ML
Low Temperature Viscosity Standard, JF1-L	JF1L-500ML

Selected Certified Reference Materials
Physical Properties

* Name	Catalog Number
Lubricant; Multi-Parameter Certified Reference Material	CRMUMPLU-500ML
Magnesium- ²⁴ Mg solution, IRMM® certified Reference Material, 0.2 M in nitric acid	IRMM009-4ML
Magnesium, ²⁴ Mg (certified for isotope abundance ratio), ERM® certified Reference Material	ERMAE637-4ML
Magnesium, ²⁶ Mg (certified for isotope abundance ratio), ERM® certified Reference Material	ERMAE638-4ML
Medical Viscosity Standard, viscosity 1.2 mPa.s (25.00 °C)	MGVS12-100ML MGVS12-500ML
Medical Viscosity Standard, viscosity 1.6 mPa.s (25.00 °C)	MGVS16-100ML MGVS16-500ML
Medical Viscosity Standard, viscosity 2.0 mPa.s (25.00 °C)	MGVS20-100ML MGVS20-500ML
Medical Viscosity Standard, viscosity 4.0 mPa.s (25.00 °C)	MGVS40-100ML MGVS40-500ML
Medical Viscosity Standard, viscosity 6.0 mPa.s (25 °C), pkg of 100 mL	MGVS60-500ML MGVS60-100ML
Medical Viscosity Standard, viscosity 10.00 mPa.s (25.00 °C)	MGVS100-100ML MGVS100-500ML
Medical Viscosity Standard, 3.0 mPa.s (25.00°C), pkg of 100 mL	MGVS30100-100ML
Medical Viscosity Standard, 3.0 mPa.s (25.00°C), pkg of 500 mL	MGVS30500-500ML
Medical Viscosity Standard, 4.0 mPa.s (25.00°C), pkg of 100 mL	MGVS40100-100ML
Medical Viscosity Standard, 10.0 mPa.s (25.00°C), pkg of 100 mL	MGVS100100-100ML
Medical Viscosity Standard, 10.0 mPa.s (25.00°C), pkg of 500 mL	MGVS100500-500ML
Mercury ²⁰² Hg (certified for isotope abundance ratio), ERM® certified Reference Material	ERMAE640-5ML
Mercury natural (certified for isotope abundance ratio), ERM® certified Reference Material	ERMAE639-5ML
Mineral Oil Rotational Viscosity Standard, viscosity 0.3051 mPa.s (25.00 °C)	RTM1-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 494.0 mPa.s (25.00 °C)	RTM21-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 0.5204 mPa.s (25.00 °C)	RTM2-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 0.9525 mPa.s (25.00 °C)	RTM3-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 2.144 mPa.s (25.00 °C)	RTM4-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 3.329 mPa.s (25.00 °C)	RTM5-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 4.745 mPa.s (25.00 °C)	RTM6-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 7.520 mPa.s (25.00 °C)	RTM7-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 10.37 mPa.s (25.00 °C)	RTM8-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 14.50 mPa.s (25.00 °C)	RTM9-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 20.40 mPa.s (25.00 °C)	RTM10-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 29.04 mPa.s (25.00 °C)	RTM11-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 55.68 mPa.s (25.00 °C)	RTM12-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 75.19 mPa.s (25.00 °C)	RTM13-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 101.4 mPa.s (25.00 °C)	RTM14-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 150.0 mPa.s (25.00 °C)	RTM15-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 203.1 mPa.s (25.00 °C)	RTM16-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 250.0 mPa.s (25.00 °C)	RTM17-500ML

* Name	Catalog Number
Mineral Oil Rotational Viscosity Standard, viscosity 300.8 mPa.s (25.00 °C)	RTM18-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 351.1 mPa.s (25.00 °C)	RTM19-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 389.1 mPa.s (25.00 °C)	RTM20-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 719.7 mPa.s (25.00 °C)	RTM22-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 796.5 mPa.s (25.00 °C)	RTM23-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 1008 mPa.s (25.00 °C)	RTM24-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 1260 mPa.s (25.00 °C)	RTM25-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 1517 mPa.s (25.00 °C)	RTM26-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 2013 mPa.s (25.00 °C)	RTM27-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 2556 mPa.s (25.00 °C)	RTM28-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 4024 mPa.s (25.00 °C)	RTM29-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 4588 mPa.s (25.00 °C)	RTM30-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 5738 mPa.s (25.00 °C)	RTM31-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 6055 mPa.s (25.00 °C)	RTM32-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 7657 mPa.s (25.00 °C)	RTM33-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 8081 mPa.s (25.00 °C)	RTM34-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 10030 mPa.s (25.00 °C)	RTM35-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 15166 mPa.s (25.00 °C)	RTM36-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 19588 mPa.s (25.00 °C)	RTM37-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 40049 mPa.s (25.00 °C)	RTM38-500ML
Mineral Oil Rotational Viscosity Standard, viscosity 72328 mPa.s (25.00 °C)	RTM39-500ML
Motor Octane Number Standard, ASTM D 2700 (86.9)	CRMOMGA-1000ML
Platinum (isotope ratio), IRMM® certified Reference Material, wire	IRMM010-30MG
Polydisperse Particle Standard, certified reference material, Particle Size Standard, PS181, 10 x 0.02 g, 0.1-1 µm	51358-10X0.02G
Polydisperse Particle Standard, certified reference material, Particle Size Standard, PS192, 10 x 0.10g, 1-10 µm	42459-10X0.1G
Polydisperse Particle Standard, certified reference material, Particle Size Standard, PS202, 10 x 0.10g, 3-30 µm	94078-10X0.1G
Polydisperse Particle Standard, certified reference material, Particle Size Standard, PS314, 10 x 0.50g, 10-100 µm	40579-10X0.5G
Polydisperse Particle Standard, certified reference material, Particle Size Standard, PS213, 10 x 0.25g, 10-100 µm	80847-10X0.25G
Polydisperse Particle Standard, certified reference material, Particle Size Standard, PS226, 10 x 2.5g, 50-350 µm	78456-10X2.5G
Polydisperse Particle Standard, certified reference material, Particle Size Standard, PS224, 10 x 0.50g, 50-350 µm	57563-10X0.5G
Polydisperse Particle Standard, certified reference material, Particle Size Standard, PS235, 10 x 2.5g, 150-650 µm	94773-10X2.5G
Pour Point Standard, ISO Guide 34 Certified, pkg of 250 mL	CRMUPPLU1-250ML
Pour Point Standard, ASTM D 97 (-29.2 °C)	CRMPPGO-250ML

3: Analytical Applications & Standards

Selected Certified Reference Materials

Physical Properties

* Name	Catalog Number
Pour Point Standard, IP15, ASTM D97, ISO 3016, BS 2000, Pt 15 (-30.5 °C)	CRMUPPGO-250ML
Pour Point Standard, IP15, ASTM D97, ISO 3016, BS 2000, Pt 15 (-14.7 °C)	CRMUPPLU-250ML
Pt-Co/Hazen/APHA Colour Reference Standard, ASTM D 1209 (ASTM colour 5)	134140-500ML
Pt-Co/Hazen/APHA Colour Reference Standard, ASTM D 1209 (ASTM colour 10)	134150-500ML
Pt-Co/Hazen/APHA Colour Reference Standard, ASTM D 1209 (ASTM colour 15)	134160-500ML
Pt-Co/Hazen/APHA Colour Reference Standard, ASTM D 1209 (ASTM colour 30)	134170-500ML
Pt-Co/Hazen/APHA Colour Reference Standard, ASTM D 1209 (ASTM colour 50)	134180-500ML
Pt-Co/Hazen/APHA Colour Reference Standard, ASTM D 1209 (ASTM colour 100)	134190-500ML
Pt-Co/Hazen/APHA Colour Reference Standard, stock solution, ASTM D 1209 (ASTM colour 500)	462803-500ML
Pure Water Density Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.9982 g/mL at 20 °C, density: 0.9970 g/mL at 25 °C	DENWAT-60ML DENWAT-3X60ML
Pure Water Density Standard, UKAS ISO/IEC17025 and ISO Guide 34 certified, density: 0.9982 g/mL at 20 °C, density: 0.9970 g/mL at 25 °C	DENWAT3-3X60ML
Quartz (2.50 m ² /g) (nitrogen BET specific surface area), BCR [®] certified Reference Material	BCR172-10G
Quartz (particle size), BCR [®] certified Reference Material, 0.35-3.50 µm particle size	BCR066-10G
Quartz (particle size), BCR [®] certified Reference Material, 1.20-20.00 µm particle size	BCR070-10G
Quartz (particle size), BCR [®] certified Reference Material, 2.40-32.00 µm particle size	BCR067-10G
Quartz (particle size), BCR [®] certified Reference Material, 14-90 µm particle size	BCR069-10G
Quartz (particle size), BCR [®] certified Reference Material, 50-220 µm particle size	BCR130-50G
Quartz (particle size), BCR [®] certified Reference Material, 160-630 µm particle size	BCR068-100G
Quartz (particle size), BCR [®] certified Reference Material, 480-1800 µm particle size	BCR131-200G
Quartz (particle size), BCR [®] certified Reference Material, 1400-5000 particle size	BCR132-700G
Reid Vapour Pressure Standard, ASTM D 4953A, 323A (84.41 kPa)	CRMVPGA-250ML
Research Octane Number Standard, ASTM D 2699 (98)	CRMORGA-1000ML
Rubidium- ⁸⁵ Rb solution, IRMM [®] certified Reference Material, 0.5 M in nitric acid	IRMM619-5ML
Rubidium- ⁸⁷ Rb solution, IRMM [®] certified Reference Material, 0.5 M in nitric acid	IRMM618-5ML
Saybolt Colour Reference Standard, ASTM D 6045, D 156 (ASTM colour -10)	134040-500ML
Saybolt Colour Reference Standard, ASTM D 6045, D 156 (ASTM colour 0)	134050-500ML
Saybolt Colour Reference Standard, ASTM D 6045, D 156 (ASTM colour 12)	134060-500ML
Saybolt Colour Reference Standard, ASTM D 6045, D 156 (ASTM colour 25)	134070-500ML
Scratch test reference material, BCR [®] certified Reference Material	BCR692-1EA
Sieve Standard, traceable to NIST SRM, certified reference material, 45 µm (325 mesh)	12655-5X1G
Sieve Standard, traceable to NIST SRM, certified reference material, 63 µm (230 mesh)	49500-5X1G
Sieve Standard, traceable to NIST SRM, certified reference material, 75 µm (200 mesh)	42696-5X1G
Sieve Standard, traceable to NIST SRM, certified reference material, 106 µm (140 mesh)	61847-5X1G
Sieve Standard, traceable to NIST SRM, certified reference material, 125 µm (120 mesh)	18867-5X1G
Sieve Standard, traceable to NIST SRM, certified reference material, 150 µm (100 mesh)	75446-5X1.5G

* Name	Catalog Number
Sieve Standard, traceable to NIST SRM, certified reference material, 180 µm (80 mesh)	43390-5X1.5G
Sieve Standard, traceable to NIST SRM, certified reference material, 250 µm (60 mesh)	41544-5X2.5G
Sieve Standard, traceable to NIST SRM, certified reference material, 300 µm (50 mesh)	67246-5X2.5G
Sieve Standard, traceable to NIST SRM, certified reference material, 500 µm (35 mesh)	78900-5X2.5G
Silica, colloidal, ERM [®] certified Reference Material	ERMF100-1G
Silicone Rotational Viscosity Standard, 4.988 mPa.s (25.00°C), RT5	VISRT5600-600ML
Silicone Rotational Viscosity Standard, 10.12 mPa.s (25.00°C), RT10	VISRT10600-600ML
Silicone Rotational Viscosity Standard, 50.49 mPa.s (25.00°C), RT50	VISRT50600-600ML
Silicone Rotational Viscosity Standard, 75.53 mPa.s (25.00°C), RT75	VISRT75600-600ML
Silicone Rotational Viscosity Standard, 100.7 mPa.s (25.00°C), RT100	VISRT100600-600ML
Silicone Rotational Viscosity Standard, 251.5 mPa.s (25.00°C), RT250	VISRT250600-600ML
Silicone Rotational Viscosity Standard, 357.0 mPa.s (25.00°C), RT350	VISRT350600-600ML
Silicone Rotational Viscosity Standard, 503.9 mPa.s (25.00°C), RT500	VISRT500600-600ML
Silicone Rotational Viscosity Standard, 1003 mPa.s (25.00°C), RT1000	VISRT1K600-600ML
Silicone Rotational Viscosity Standard, 5034 mPa.s (25.00°C), RT5000	VISRT5K600-600ML
Silicone Rotational Viscosity Standard, 9970 mPa.s (25.00°C), RT10000	VISRT10K600-600ML
Silicone Rotational Viscosity Standard, 12423 mPa.s (25.00°C), RT12000	VISRT12K600-600ML
Silicone Rotational Viscosity Standard, 30036 mPa.s (25.00°C), RT30000	VISRT30K600-600ML
Silicone Rotational Viscosity Standard, 60139 mPa.s (25.00°C), RT60000	VISRT60K600-600ML
Silicone Rotational Viscosity Standard, 100075 mPa.s (25.00°C), RT100000	VISRT100K600-600ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 2.884 cSt (40 °C)	HVS01-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 5.697 cSt (40°C)	HVS02-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 10 cSt (40°C)	HVS03-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 31.99 cSt (40°C)	HVS04-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 54.13 cSt (40°C)	HVS05-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 100.3 cSt (40°C)	HVS06-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 181.3 cSt (40°C)	HVS07-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 313.7 cSt (40°C)	HVS08-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 524.8 cSt (40°C)	HVS09-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 1009 cSt (40°C)	HVS10-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 1705 cSt (40°C)	HVS11-60ML

Selected Certified Reference Materials

Physical Properties

* Name	Catalog Number
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 2094 cSt (40°C)	HVS12-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 3351 cSt (40°C)	HVS13-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 6684 cSt (40°C)	HVS14-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 13072 cSt (40°C)	HVS15-60ML
Small Sample Viscosity Standard ASTM D2162; UKAS ISO/IEC17025 and ISO Guide 34 certified, kinematic viscosity 23037 cSt (40°C)	HVS16-60ML
Smoke Point Standard, ASTM D 1322 / IP 57, 24.25 mm	CRMUSPKR-250ML
Sulfur- ³² S solution, IRMM® certified Reference Material, Spike Isotopic Reference Material	IRMM643-5ML
Sulfur- ³² S solution, IRMM® certified Reference Material, Spike Isotopic Reference Material	IRMM644-5ML
Sulfur- ³² S solution, IRMM® certified Reference Material, Spike Isotopic Reference Material	IRMM645-5ML
Sulfur- ³⁴ S solution, IRMM® certified Reference Material, Spike Isotopic Reference Material	IRMM646-5ML
Sulfur in Diesel, ASTM D 5453; ISO 20846 (7.2 mg/kg)	CRMSUGOLO-250ML
Sulfur in Kerosene, ASTM D 3227; ISO 3012 (3.13 mg/kg)	CRMUSUKR-250ML
Synthetic Sea Water, ASTM D 665 / IP 135, 10 x 30 mL	SSWS30-10X30ML
Synthetic Sea Water, ASTM D 665 / IP 135, 1 x 300mL	SSWS300-300ML
Synthetic Sea Water, ASTM D 665 / IP 135, 1 x 500mL	SSWS500-500ML
Tantalum pentoxide on tantalum foil, BCR® certified Reference Material	BCR261T-1EA
Thallium ²⁰⁵ Tl (certified for isotope abundance ratio), ERM® certified Reference Material	ERMAE649-5ML
Titania, spec. surface area 8.23 m ² /g (nitrogen BET specific surface area), BCR® certified Reference Material	BCR173-46G
Total Acid Number Standard, ASTM D664 (0.10 mg KOH/g), pkg of 1 x 125 g	TAN001-125G TAN001-3X125G
Total Acid Number Standard, ASTM D664 (0.49 mg KOH/g), pkg of 1 x 125 g	TAN005-125G TAN005-3X125G
Total Acid Number Standard, ASTM D664 (1.54 mg KOH/g), pkg of 1 x 125 g	TAN015-125G TAN015-3X125G
Total Acid Number Standard, ASTM D664 (2.48 mg KOH/g), pkg of 1 x 50 g	TAN025-50G TAN025-3X50G
Total Acid Number Standard, ASTM D664 (2.93 mg KOH/g), pkg of 1 x 50 g	TAN030-50G TAN030-3X50G
Total Acid Number Standard, ASTM D664 (4.57 mg KOH/g), pkg of 1 x 50 g	TAN050-50G TAN050-3X50G
Total Base Number Standard, ASTM D 2896 (0.99 mg KOH/g), pkg of 1 x 125 g	TBN1-125G TBN1-3X125G
Total Base Number Standard, ASTM D 2896 (3.01 mg KOH/g), pkg of 1 x 50 g	TBN3-50G TBN3-3X50G
Total Base Number Standard, ASTM D2896 (6.06 mg KOH/g), pkg of 1 x 50 g	TBN6-50G TBN6-3X50G
Total Base Number Standard, ASTM D2896 (10.01 mg KOH/g), pkg of 1 x 50 g	TBN10-50G TBN10-3X50G
Total Base Number Standard, ASTM D2896 (15.17 mg KOH/g), pkg of 1 x 50 g	TBN15-50G TBN15-3X50G
Total Base Number Standard, ASTM D2896 (30.17 mg KOH/g), pkg of 1 x 50 g	TBN30-50G TBN30-3X50G
Total Base Number Standard, ASTM D2896 (40.51 mg KOH/g), pkg of 1 x 50 g	TBN40-50G TBN40-3X50G
Total Base Number Standard, ASTM D2896 (70.24 mg KOH/g), pkg of 1 x 50 g	TBN70-50G TBN70-3X50G
Tungsten (0.18 m ² /g) (nitrogen BET specific surface area), BCR® certified Reference Material	BCR175-200G
Ubbelohde Viscometer for Transparent Liquids, Size 0, Nom. Constant 0.001, Range 0.3 to 1 cSt, (non certified)	UBBEL01NC-1EA

* Name	Catalog Number
Ubbelohde Viscometer for Transparent Liquids, Size 0C, Nom. Constant 0.003, Range 0.6 to 3 cSt, (non certified)	UBBEL02NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 0B, Nom. Constant 0.005, Range 1 to 5 cSt, (non certified)	UBBEL03NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 1, Nom. Constant 0.01, Range 2 to 10 cSt, (non certified)	UBBEL04NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 1C, Nom. Constant 0.03, Range 6 to 30 cSt, (non certified)	UBBEL05NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 1B, Nom. Constant 0.05, Range 10 to 50 cSt, (non certified)	UBBEL06NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 2, Nom. Constant 0.1, Range 20 to 100 cSt, (non certified)	UBBEL07NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 2C, Nom. Constant 0.3, Range 60 to 300 cSt, (non certified)	UBBEL08NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 2B, Nom. Constant 0.5, Range 100 to 500 cSt, (non certified)	UBBEL09NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 3, Nom. Constant 1.0, Range 200 to 1,000 cSt, (non certified)	UBBEL10NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 3C, Nom. Constant 3.0, Range 600 to 3,000 cSt, (non certified)	UBBEL11NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 3B, Nom. Constant 5.0, Range 1,000 to 5,000 cSt, (non certified)	UBBEL12NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 4, Nom. Constant 10.0, Range 2,000 to 10,000 cSt, (non certified)	UBBEL13NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 4C, Nom. Constant 30.0, Range 6,000 to 30,000 cSt, (non certified)	UBBEL14NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 4B, Nom. Constant 50.0, Range 10,000 to 50,000 cSt, (non certified)	UBBEL15NC-1EA
Ubbelohde Viscometer for Transparent Liquids, Size 5, Nom. Constant 100.0, Range 20,000 to 100,000 cSt, (non certified)	UBBEL16NC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 0, Nom. Constant 0.001, Range 0.3 to 1 cSt	UBBEL01UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 0C, Nom. Constant 0.003, Range 0.6 to 3 cSt	UBBEL02UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 0B, Nom. Constant 0.005, Range 1 to 5 cSt	UBBEL03UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 1, Nom. Constant 0.01, Range 2 to 10 cSt	UBBEL04UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 1C, Nom. Constant 0.03, Range 6 to 30 cSt	UBBEL05UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 1B, Nom. Constant 0.05, Range 10 to 50 cSt	UBBEL06UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 2, Nom. Constant 0.1, Range 20 to 100 cSt	UBBEL07UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 2C, Nom. Constant 0.3, Range 60 to 300 cSt	UBBEL08UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 2B, Nom. Constant 0.5, Range 100 to 500 cSt	UBBEL09UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 3, Nom. Constant 1.0, Range 200 to 1,000 cSt	UBBEL10UKC-1EA

3: Analytical Applications & Standards

Selected Certified Reference Materials

Physical Properties

* Name	Catalog Number
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 3C, Nom. Constant 3.0, Range 600 to 3,000 cSt	UBBEL11UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 3B, Nom. Constant 5.0, Range 1,000 to 5,000 cSt	UBBEL12UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 4, Nom. Constant 10.0, Range 2,000 to 10,000 cSt	UBBEL13UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 4C, Nom. Constant 30.0, Range 6,000 to 30,000 cSt	UBBEL14UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 4B, Nom. Constant 50.0, Range 10,000 to 50,000 cSt	UBBEL15UKC-1EA
Ubbelohde Viscometer for Transparent Liquids (UKAS ISO 17025 certified), Size 5, Nom. Constant 100.0, Range 20,000 to 100,000 cSt	UBBEL16UKC-1EA
Viscosity Bath Media, White Oil for use 40 to 80 °C	BM1-5L BM1-20L
Viscosity Bath Media, White Oil for use 80 to 120 °C	BM2-5L BM2-20L
Viscosity Bath Media, Silicone Fluid 100 cSt at 25 °C for use 120 to 150 °C	BM5-5L BM5-20L
Viscosity Bath Media, Silicone Fluid 50 cSt at 25 °C for use 90 to 120 °C	BM6-5L BM6-20L
Viscosity Bath Media, Silicone Fluid 20 cSt at 25 °C for use 60 to 110 °C	BM7-5L BM7-20L
Viscosity Bath Media, Silicone Fluid 10 cSt at 25 °C for use 40 to 100 °C	BM8-5L BM8-20L
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids, Size 1, Nom. Constant 0.003, Range 0.6 to 3 cSt, (non certified)	CROSS01NC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids, Size 2, Nom. Constant 0.01, Range 2 to 10 cSt, (non certified)	CROSS02NC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids, Size 3, Nom. Constant 0.03, Range 6 to 30 cSt, (non certified)	CROSS03NC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids, Size 4, Nom. Constant 0.1, Range 20 to 100 cSt, (non certified)	CROSS04NC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids, Size 5, Nom. Constant 0.3, Range 60 to 300 cSt, (non certified)	CROSS05NC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids, Size 6, Nom. Constant 1, Range 200 to 1,000 cSt, (non certified)	CROSS06NC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids, Size 7, Nom. Constant 3, Range 600 to 3,000 cSt, (non certified)	CROSS07NC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids, Size 8, Nom. Constant 10, Range 2,000 to 10,000 cSt, (non certified)	CROSS08NC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids, Size 9, Nom. Constant 30, Range 6,000 to 30,000 cSt, (non certified)	CROSS09NC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids, Size 10, Nom. Constant 100, Range 20,000 to 100,000 cSt, (non certified)	CROSS10NC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 1, Nom. Constant 0.003, Range 0.6 to 3 cSt	CROSS01UKC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 2, Nom. Constant 0.01, Range 2 to 10 cSt	CROSS02UKC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 3, Nom. Constant 0.03, Range 6 to 30 cSt	CROSS03UKC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 4, Nom. Constant 0.1, Range 20 to 100 cSt	CROSS04UKC-1EA

* Name	Catalog Number
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 5, Nom. Constant 0.3, Range 60 to 300 cSt	CROSS05UKC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 6, Nom. Constant 1, Range 200 to 1,000 cSt	CROSS06UKC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 7, Nom. Constant 3, Range 600 to 3,000 cSt	CROSS07UKC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 8, Nom. Constant 10, Range 2,000 to 10,000 cSt	CROSS08UKC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 9, Nom. Constant 30, Range 6,000 to 30,000 cSt	CROSS09UKC-1EA
Zeitfuchs Cross-Arm Viscometer for Transparent and Opaque Liquids (UKAS ISO 17025 certified), Size 10, Nom. Constant 100, Range 20,000 to 100,000 cSt	CROSS10UKC-1EA
Zinc ⁶⁷ Zn solution (certified for isotope abundance ratio), IRMM [®] certified Reference Material	IRMM653-5ML
Zinc ⁶⁸ Zn solution (certified for isotope abundance ratio), IRMM [®] certified Reference Material, 0.5 M in nitric acid	IRMM654-5ML
Zinc ⁶⁴ Zn solution (certified for isotope abundance ratio), IRMM [®] certified Reference Material, 1 M in nitric acid	IRMM3702-3ML
Zinc ⁶⁴ Zn solution (certified for isotope abundance ratio), IRMM [®] certified Reference Material, 0.5 M in nitric acid	IRMM651-5ML
Zinc ⁶⁴ Zn solution (certified for isotope abundance ratio), IRMM [®] certified Reference Material, 0.5 M in nitric acid, enriched	IRMM652-5ML
Zinc ⁶⁴ Zn solution (certified for isotope abundance ratio), IRMM [®] certified Reference Material, 0.5 M in nitric acid	IRMM007-1SET

Phytochemicals

* Name	Catalog Number
Cyanocobalamin (Vitamin B12) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-019-1ML
(±)-O-Desmethylenlafaxine-D ₆ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	V-027-1ML
Ginkgo Biloba Flavonoids Mix, 100 µg/mL each component in methanol, ampule of 1.0 mL, certified reference material	G-014-1ML
Ginkgo Biloba Terpene Lactones Mix, 100 µg/mL each component in acetonitrile, ampule of 1.0 mL, certified reference material	G-013-1ML
Ginseng Ginsenosides Mix, 100 µg/mL each component in methanol, ampule of 100 µg/mL, certified reference material	G-015-1ML
Green Tea Catechin Mix, 100 µg/mL each component in acetonitrile: water (8:2) with 5% 1M HCl, ampule of 1.0 mL, certified reference material	G-016-1ML
Nicotinamide (Vitamin B3) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-016-1ML
Nicotinic acid (Vitamin B3) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-017-1ML
Pyridoxine HCl (Vitamin B6) solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	V-018-1ML
(-)-Riboflavin (Vitamin B2) solution, 100 µg/mL (Methanol:0.1% Ammonium acetate in Water (1:1)), ampule of 1 mL, certified reference material	V-015-1ML
Salicylic acid, 1.0 mg/mL in acetonitrile, ampule of 1 mL, certified reference material	S-019-1ML
Salicylic acid-d ₄ , 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	S-042-1ML
Thiamine HCl (Vitamin B1) solution, 1.0 mg/mL in methanol (as free base), ampule of 1 mL, certified reference material	V-014-1ML

Selected Certified Reference Materials
Phytochemicals

* Name	Catalog Number
(±)-α-Tocopherol (Vitamin E) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-020-1ML
(+)-γ-Tocopherol (Vitamin E) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-021-1ML
(±)-α-Tocopherol-D ₆ (Vitamin E-D ₆) solution, 500 µg/mL in methanol, ampule of 1 mL, certified reference material	V-010-1ML
Tocopheryl acetate (Vitamin E acetate) solution, 1.0 mg/mL in methanol, ampule of 1 mL, certified reference material	V-033-1ML
Turmeric (Curcuma) Mix, 500 µg/mL each component in methanol, certified reference material	T-083
Valproic Acid-D ₆ solution, 1 mg/mL in methanol, ampule of 1 mL, certified reference material	V-029-1ML
Vilazodone-D ₄ hydrochloride solution, 100 µg/mL in methanol (as free base), ampule of 1 mL, certified reference material	V-028-1ML
D ₃ -Vitamin D2 (6,19,19-D ₃) solution, 100 µg/mL in ethanol, ampule of 1 mL, certified reference material	V-026-1ML
Vitamin K1 solution, 10 µg/mL in ethanol, certified reference material	V-030-1ML
Vitamin K2 (MK-4) solution, 100 µg/mL in acetonitrile, ampule of 1 mL, certified reference material	V-031-1ML
Zaleplon-D ₄ solution, 100 µg/mL in methanol, ampule of 1 mL, certified reference material	Z-010-1ML

Reactor Neutron Dosimetry

* Name	Catalog Number
Al alloy, IRMM® certified Reference Material, 0.1% Co, 0.1 mm foil	IRMM527RA-1EA
Al alloy, IRMM® certified Reference Material, 0.1% Co, 0.5 mm wire	IRMM527RB-1EA
Al alloy, IRMM® certified Reference Material, 0.1% Co, 1.0 mm wire	IRMM527RC-1EA
Al alloy, IRMM® certified Reference Material, 1.0% Co, 0.1 mm foil	IRMM528RA-1EA
Al alloy, IRMM® certified Reference Material, 1.0% Co, 0.5 mm wire	IRMM528RB-1EA
Al alloy, IRMM® certified Reference Material, 1.0% Co, 1.0 mm wire	IRMM528RC-1EA
Al alloy, IRMM® certified Reference Material, 0.1% Au, 0.1 mm foil	IRMM530RA-1EA
Al alloy, IRMM® certified Reference Material, 0.01% Co, 0.1 mm foil	IRMM532A-1EA
Al alloy, IRMM® certified Reference Material, 0.01% Co, 0.5 mm wire	IRMM532B-1EA
Al alloy, IRMM® certified Reference Material, 0.01% Co, 1.0 mm wire	IRMM532C-1EA
Al alloy, IRMM® certified Reference Material, 2.0% Sc, 0.1 mm foil	IRMM534A-1EA
Al alloy, IRMM® certified Reference Material, 2.0% Sc, 0.5 mm wire	IRMM534B-1EA
Al alloy, IRMM® certified Reference Material, 2.0% Sc, 1.0 mm wire	IRMM534C-1EA
Aluminum, IRMM® certified Reference Material, 0.1 mm foil	IRMM523A-1EA
Aluminum, IRMM® certified Reference Material, 1.0 mm foil	IRMM523B-1EA
Aluminum, IRMM® certified Reference Material, 1.0 mm wire	IRMM523C-1EA
Copper, IRMM® certified Reference Material, 0.1 mm foil	IRMM522A-1EA
Copper, IRMM® certified Reference Material, 1.0 mm foil	IRMM522B-1EA
Copper, IRMM® certified Reference Material, 0.5 mm wire	IRMM522C-1EA
Copper, IRMM® certified Reference Material, 1.0 mm wire	IRMM522D-1EA
Iron, IRMM® certified Reference Material, 0.1 mm foil	IRMM524A-1EA

* Name	Catalog Number
Iron, IRMM® certified Reference Material, 0.5 mm wire	IRMM524B-1EA
Nickel, IRMM® certified Reference Material, 0.5 mm wire	IRMM521B-1EA
Niobium, IRMM® certified Reference Material, 0.02 mm foil	IRMM525A-1EA
Niobium, IRMM® certified Reference Material, 0.1 mm foil	IRMM525B-1EA
Niobium, IRMM® certified Reference Material, 0.5 mm wire	IRMM525C-1EA
Niobium, IRMM® certified Reference Material, 0.02 mm foil	IRMM526A-1EA
Niobium, IRMM® certified Reference Material, 0.1 mm foil	IRMM526B-1EA
Niobium, IRMM® certified Reference Material, 0.5 mm wire	IRMM526C-1EA
Nuclear reference material ²³⁷ NpO ₂ A, IRMM® certified Reference Material	IRMM502A-100MG
Nuclear reference material ²³⁷ NpO ₂ C, IRMM® certified Reference Material	IRMM502C-1EA
Oxide glass, IRMM® certified Reference Material	IRMM540R-1EA
Oxide glass, IRMM® certified Reference Material	IRMM541-1EA
Rhodium, IRMM® certified Reference Material, 0.05 mm foil	IRMM529-1EA
Titanium, IRMM® certified Reference Material, 0.1 mm foil	IRMM531A-1EA
Titanium, IRMM® certified Reference Material, 0.5 mm foil	IRMM531B-1EA
Titanium, IRMM® certified Reference Material, 0.5 mm wire	IRMM531C-1EA

Spectroscopy Standards

* Name	Catalog Number
Alkali metal mix for ICP, TraceCERT®, 5 elements, 100 mg/L in nitric acid	96441-100ML
Alkaline earth metal mix for ICP, TraceCERT®, 5 elements, 100 mg/L in nitric acid	67288-100ML
Alternate Internal Standard Mix 1 for ICP/MS, certified reference material, 10 µg/mL each component in nitric acid (5% - 10%)	CRM8031
Alternate Internal Standard Mix 1 for ICP/MS, certified reference material, 10 µg/mL each component in nitric acid (5% - 10%), bottle of 500 mL	CRM8032
Alternate Metals Standard III, certified reference material, in 2% HNO ₃ (varied conc.)	CRM8055
Alternate Metals Standard III, certified reference material, in 2% HNO ₃ (varied conc.)	CRM8056
Aluminium Standard for ICP, TraceCERT®, 10'000 mg/L Al in nitric acid	41377-100ML
Analytes B Standard for CLP-M with ICP/MS, for ICP-MS, certified reference material, in nitric acid (2%, varied conc.)	CRM8064
Arsenic(III) Standard for ICP, TraceCERT®, 1000 mg/L As(III) in hydrochloric acid	72718-100ML
Arsenic(V) Standard for ICP, TraceCERT®, 1000 mg/L As(V) in H ₂ O	76686-100ML
Chromium(III) Standard for ICP, TraceCERT®, 1000 mg/L Cr(III) in nitric acid	92966-100ML
Chromium(VI) Standard for ICP, TraceCERT®, 1000 mg/L Cr(VI) in H ₂ O	19036-100ML
ICP-MS Alternate Internal Standard 2, certified reference material, 100 µg/mL each component in 10 wt. % nitric acid	CRM8033
ICP-MS Internal Standard 1, certified reference material, 10 µg/mL each component in 2% HNO ₃	CRM8029
Initial Calibration Verification Standard 1 of ICP-MS, certified reference material, in 5% HNO ₃ /tr HF (varied conc.)	CRM8026

3: Analytical Applications & Standards

Selected Certified Reference Materials

Spectroscopy Standards

* Name	Catalog Number
Instrumentation Calibration Standard 1, for ICP-MS, certified reference material, 20 µg/mL each component in 5% HNO ₃ /tr Tartaric acid	CRM8017
Instrument Calibration Standard 1, certified reference material, 5000 µg/mL each component in 5% HNO ₃	CRM8074
Instrument Calibration Standard 2, for ICP-MS, certified reference material, 100 µg/mL each component in 5% HNO ₃ /tr Tartaric acid/tr HF	CRM8019
Instrument Calibration Standard 3, for ICP-MS, certified reference material, 1000 µg/mL each component in 5% HNO ₃	CRM8021
Instrument Check Standard 1, for ICP-MS, certified reference material, 10 µg/mL each component in 2% HNO ₃ /tr Tartaric acid/tr HF	CRM8022
Instrument Check Standard 3, for ICP-MS, certified reference material, 200 µg/mL each component in nitric acid (2%)	CRM8023
Instrument Check Standard 5, for ICP-MS, 10 µg/mL each component in 2% HNO ₃ /tr HF	CRM8025
Interferants A Standard, for ICP-MS, certified reference material, in 5% HNO ₃ /tr Tartaric acid (varied conc.)	CRM8061
Interference Check Solution 1, for ICP-MS, certified reference material, in 5% HNO ₃ /tr HF (varied conc.)	CRM8062
Interference Check Solution 2, certified reference material, 10 µg/mL in 2% HNO ₃	CRM8065
Interference Check Standard A, for ICP, certified reference material, in 5% HNO ₃ (varied conc.)	CRM8067
Interference Check Standard B, certified reference material, in 5% HNO ₃ (varied conc.)	CRM8068
Interference Check Standard 5	CRM8034
Interference Check Standard 18, certified reference material, in 5% HNO ₃ (varied concentration)	CRM8036
Laboratory Fortifying Stock Solution 1, certified reference material, in 5% HNO ₃ /tr Tartaric acid/tr HF (varied concentration)	CRM8041
Laboratory Performance Check Standard, certified reference material, in 5% HNO ₃ /tr Tartaric acid/tr HF (varied concentration)	CRM8042
Laboratory Performance Check Standard, w/o Mercury, certified reference material, in 5% HNO ₃ /tr Tartaric acid/tr HF (varied concentration)	CRM8045
Laboratory Performance Check Standard, certified reference material, in 5% HNO ₃ /tr Tartaric acid/tr HF (varied concentration)	CRM8044
Laboratory Performance Check Standard, w/o Mercury, certified reference material, in 5% HNO ₃ /tr Tartaric acid/tr HF (varied concentration)	CRM8043
Metalloid and non-metal mix for ICP, TraceCERT®, 10 elements	55263-100ML
Multi-element solution 1, for ICP-MS, certified reference material, 10 µg/mL each component in 5% HNO ₃	CRM8001
Multi-element Solution 2, w/o mercury, for ICP-MS, certified reference material, 10 µg/mL each component in 5% HNO ₃	CRM8003
Multi-element Solution 2, for ICP-MS, certified reference material, 10 µg/L each component in 5% HNO ₃	CRM8002
Multi-element Solution 3, for ICP-MS, certified reference material, 10 µg/mL each component in 10% HCl/1% HNO ₃	CRM8006
Multi-element Solution 4, for ICP-MS, certified reference material, 10 µg/mL each component	CRM8007
Multi-element Solution 5, for ICP-MS, certified reference material, 10 µg/mL each component in 2% HNO ₃	CRM8008
Multi-element Solution 2A, w/o mercury, for ICP-MS, certified reference material, 10 µg/mL each component in 10% HCl/1% HNO ₃	CRM8005
Multi-element Solution 2A, for ICP-MS, certified reference material, 10 µg/mL each component in 5% HNO ₃	CRM8004

* Name	Catalog Number
Multi-element Solutions Set for ICP-MS	CRM8012
Periodic table mix 1 for ICP, TraceCERT®, 33 elements, 10 mg/L in nitric acid	92091-100ML
Periodic table mix 2 for ICP, TraceCERT®, 17 elements, 10 mg/L	41135-100ML
Periodic table mix 3 for ICP, TraceCERT®, 16 elements, 10 mg/L in nitric acid	78334-100ML
Post-transition metal mix for ICP, TraceCERT®, 6 elements, 100 mg/L in nitric acid	51509-100ML
Quality Control Standard 7, certified reference material, in 5% HNO ₃ /tr HF (varied concentration)	CRM8046
Quality Control Standard 7, certified reference material, in 5% HNO ₃ /tr HF (varied concentration)	CRM8047
Quality Control Standard 21, certified reference material, 100 µg/mL each component in 5% HNO ₃ /tr Tartaric acid/tr HF	CRM8079
Quality Control Standard 21, certified reference material, 100 µg/mL each component in 5% HNO ₃ /tr Tartaric acid/tr HF	CRM8050
Quality Control Standard 21, certified reference material, 100 µg/mL each component in 5% HNO ₃ /tr Tartaric acid/tr HF, bottle of 250 mL	CRM8051
Quality Control Standard 21, certified reference material, 100 µg/mL each component in 5% HNO ₃ /tr Tartaric acid/tr HF, bottle of 500 mL	CRM8052
Quality Control Standard 23, certified reference material, 1000 µg/mL each component in 10% HNO ₃	CRM8058
Quality Control Standard 7A, certified reference material, in 5% HNO ₃ /tr HF (varied concentration)	CRM8048
Quality Control Standard 7A, certified reference material, in 5% HNO ₃ /tr HF (varied concentration)	CRM8049
Quality Control Standards Set	CRM8054
Rare earth element mix for ICP, TraceCERT®, 16 elements, 50 mg/L in nitric acid	67349-100ML
Sodium Standard for ICP, TraceCERT®, 10'000 mg/L Na in nitric acid	39924-100ML
Spike Sample Standard 1, certified reference material, in 5% HNO ₃ /tr Tartaric acid/tr HF (varied conc.)	CRM8071
Trace Metals Standard 1, certified reference material, in 5% HNO ₃ (varied conc.)	CRM8057
Transition metal mix 2 for ICP, TraceCERT®, 8 elements, 100 mg/L in nitric acid and hydrofluoric acid	96442-100ML
Transition metal mix 3 for ICP, TraceCERT®, 7 elements, 100 mg/L in hydrochloric acid	93468-100ML
Tuning Solution 1, for ICP-MS, certified reference material, 10 µg/mL each component in 2% HNO ₃ /5% HCl	CRM8014
Tuning Solution 2, for ICP-MS, certified reference material, 10 µg/mL each component in nitric acid (2%)	CRM8015
Ultra High Pure HCl, 2 %	CRM8010
Ultra Pure Nitric Acid, 2%	CRM8009
Water, ASTM Type 1, 18 megohm	CRM8011

Titrimetric Substances

* Name	Catalog Number
Arsenic(III) oxide, certified reference material for titrimetry, certified by BAM, according to ISO 17025, >99.5%	17971-10G
Benzoic acid, certified reference material for titrimetry, certified by BAM according to ISO 17025, ≥99.5%	12353-25G-F
Calcium carbonate, certified reference material for titrimetry, certified by BAM, according to ISO 17025, ≥99.5%	21067-25G
1,3-Diphenylguanidine, analytical standard (for titrimetry)	43029-50G
Potassium dichromate, certified reference material for titrimetry, certified by BAM according to ISO 17025, ≥99.5%	42019-50G-F

Selected Certified Reference Materials

Titrimetric Substances

*	Name	Catalog Number
	Potassium iodate, certified reference material for titrimetry, certified by BAM, according to ISO 17025, $\geq 99.5\%$	60386-50G-F
	Potassium phthalate monobasic, certified reference material for titrimetry, certified by BAM, according to ISO 17025, $\geq 99.5\%$	60357-50G
	Sodium carbonate, certified reference material for titrimetry, certified by BAM, according to ISO 17025, $\geq 99.5\%$	71363-50G
	Sodium chloride, certified reference material for titrimetry, certified by BAM, according to ISO 17025, $\geq 99.5\%$	71387-25G
	Sodium oxalate, certified reference material for titrimetry, certified by BAM, according to ISO 17025, $\geq 99.5\%$	71804-25G
	Trizma [®] base, certified reference material for titrimetry, certified by BAM, according to ISO 17025, $\geq 99.5\%$	93440-50G

3: Analytical Applications & Standards

Spectroscopy Consumables

Fluorescence/Luminescence

Spectroscopy Consumables

Fluorescence/Luminescence

* Name	Catalog Number
FluoroSELECT™ single channel fluorometer, fluorescence λ_{ex} 360 nm; λ_{em} 460 nm	Z805726-1EA
FluoroSELECT™ single channel fluorometer, fluorescence λ_{ex} 480 nm; λ_{em} 530 nm	Z805602-1EA
FluoroSELECT™ single channel fluorometer, fluorescence λ_{ex} 530 nm; λ_{em} 590 nm	Z805491-1EA
Glass vials for FluoroSELECT™ fluorometer, O.D. × L 6 mm × 25 mm, volume nominal capacity 200 μ L	Z805823-100EA

IR

* Name	Catalog Number
3"x2" Slide mounts for Specac® 7mm pellet ring holder	Z802670-1EA
Adapter for agate vial for analog Wig-L-Bug® grinder/mixer	Z185736-1EA
Aldrich® IR sample prep kit	Z281743-1EA
Aldrich® macro-micro KBr pellet die	Z506699-1EA
Ambient temperature holder for Specac® sealed flow cell	Z801895-1EA
Analog Wig-L-Bug® arms, Short	Z242039-4EA
Analog Wig-L-Bug® arms, Long	Z242020-4EA
ATR/MIR crystal prism, Ge, size 50 mm × 20 mm × 2 mm, trapezoid	Z267910-1EA
Ball pestle for Digital Wig-L-Bug® mixer/grinder, stainless steel	Z529680-1EA
Brush for crystal-polishing kit, Brush 1/2 in. wide	Z111945-1EA
Cell holder	Z123080-1EA
Collars/KBr pellet mounts for E-Z™ Quick Table Top KBr Pellet Press	Z804517-10EA
Demountable liquid-cell kit	Z112003-1KT
Digital Wig-L-Bug® grinder/mixer, Multi-speed	Z529648-1EA
Digital Wig-L-Bug® grinder/mixer, low profile	Z529656-1EA
Econo-Press kit	Z281883-1EA
Econo-Press only	Z281891-1EA
E-Z Press™	Z285889-1EA
E-Z-Squeeze compression cell	Z506885-1EA
Fluorolube®	Z123552-1EA
Glass beads, diam. 0.5 mm, for Mini-Beadbeater	Z250465-1PAK
Glass beads, diam. 1.0 mm, for Beadbeating	Z250473-1PAK
Heavy-duty Wig-L-Bug® grinder/mixer analog, AC input 115 V	Z111392-1EA
IR crystal window, caf2, undrilled, 15 X 8 X 2mm, 80/50 polish	Z252794-1EA
Lightweight die for Specac® Atlas 15T presses, size 32 mm	Z803219-1EA
Lightweight die for Specac® Atlas 15T presses, size 40 mm	Z803324-1EA
Luer plugs for Specac® Omni-Cell	Z801127-2EA
Magnetic holder	Z112488-1EA
Pad for crystal-polishing kit, Ground-glass pad	Z111880-1EA
Pad for crystal-polishing kit, Felt pad	Z111899-1EA
Paper insert, hole round, diam. 1.5 mm	Z123293-200EA
Paper insert, hole round, diam. 3.0 mm	Z123323-200EA
Paper insert, hole round, diam. 5.0 mm	Z123331-200EA

* Name	Catalog Number
Paper insert, hole round, diam. 11.0 mm	Z123315-200EA
Paper insert, hole rectangular, size 1.5 mm × 9 mm	Z123307-200EA
7mm Pellet die assembly for Specac® mini-pellet press	Z802557-1EA
Polished IR crystal window, NaCl	Z151688-1EA
Polished IR crystal window, KBr	Z151696-1EA
Polystyrene calibration films for IR, NIST traceable	Z804185-2EA
Polystyrene calibration films for IR, Ph.Eur. certified	Z804290-2EA
Polystyrene vial for analog Wig-L-Bug® grinder/mixer, L 1 in.	Z111481-100EA
Presslok demountable cell holder, for window diameter, 25 mm	Z123358-1EA
PTFE gasket, diam. 32 mm	Z112011-12EA
PTFE O-ring	Z176613-12EA
PTFE spacers for Presslok demountable cell holder, diam. 25 mm, pathlength 0.015 mm	Z123374-12EA
PTFE spacers for Presslok demountable cell holder, diam. 25 mm, pathlength 0.025 mm	Z123382-12EA
PTFE spacers for Presslok demountable cell holder, diam. 25 mm, pathlength 0.1 mm	Z123404-12EA
PTFE spacers for Presslok demountable cell holder, diam. 25 mm, pathlength 0.2 mm	Z123412-12EA
PTFE spacers for Presslok demountable cell holder, diam. 25 mm, pathlength 0.5 mm	Z123420-12EA
PTFE spacers for Presslok demountable cell holder, diam. 32 mm, pathlength 0.025 mm	Z112046-12EA
PTFE spacers for Presslok demountable cell holder, diam. 32 mm, pathlength 0.05 mm	Z112054-12EA
PTFE spacers for Presslok demountable cell holder, diam. 32 mm, pathlength 0.1 mm	Z112062-12EA
PTFE spacers for Presslok demountable cell holder, diam. 32 mm, pathlength 0.2 mm	Z112070-12EA
PTFE spacers for Presslok demountable cell holder, diam. 32 mm, pathlength 0.5 mm	Z112089-12EA
PTFE stopper	Z111996-12EA
Quick Press die set, diam. 2 mm	Z506826-1EA
Quick Press die set, diam. 4 mm	Z506818-1EA
Quick Press die set, diam. 7 mm	Z506796-1EA
Quick Press hand press only	Z506788-1EA
Quick Press KBr pellet kit	Z506761-1KT
Quick Press sample holder	Z506842-1EA
Quick Press SS collar, diam. 2 mm	Z506877-1EA
Quick Press SS collar, diam. 4 mm	Z506869-1EA
Quick Press SS collar, diam. 7 mm	Z506850-1EA
Quick release nuts for Specac® Omni Cell	Z801011-4EA
E-Z™ Quick Table Top KBr Pellet Press w/2mm, 4mm and 7mm die set	Z804401-1EA
Qwik Cell body	Z252883-1EA
Qwik Cell holder	Z252891-1EA
Rare Earth Polishing compound for crystal-polishing kit, Polishing compound	Z273880-1EA
Real Crystal® IR sample cards, NaCl, aperture diam. 9.5 mm	Z527076-1PAK
Real Crystal® IR sample cards, NaCl, aperture diam. 15 mm	Z527106-1PAK
Real Crystal® IR sample cards, NaCl, aperture diam. 19 mm	Z527130-1PAK
Real Crystal® IR sample cards, Crystal cover slips for Z527130	Z527165-1PAK
Real Crystal® IR sample cards, KBr, aperture diam. 9.5 mm	Z527084-1PAK
Real Crystal® IR sample cards, KBr, aperture diam. 15 mm	Z527114-1PAK
Real Crystal® IR sample cards, KBr, aperture diam. 19 mm	Z527149-1PAK

* Name	Catalog Number
Real Crystal® IR sample cards, Crystal cover slips for Z527149	Z527173-1PAK
Real Crystal® IR sample cards, KCl, aperture diam. 9.5 mm	Z527092-1PAK
Real Crystal® IR sample cards, KCl, aperture diam. 15 mm	Z527122-1PAK
Real Crystal® IR sample cards, KCl, aperture diam. 19 mm	Z527157-1PAK
Real Crystal® IR sample cards, Crystal cover slips for Z527157	Z527181-1PAK
Rear neoprene gaskets for Specac® Omni Cell	Z800902-2EA
Replacement anvils for KBr pellet die Z506699	Z506729-2EA
Replacement base for KBr pellet die Z506699	Z506702-1EA
Replacement plunger for KBr pellet die Z506699	Z506737-1EA
Replacement Viton® O-rings for base Z506702	Z543365-1PAK
Replacement Viton® O-rings for plunger Z506737	Z543373-1PAK
Replacement windows for Specac® variable pathlength cell, CaF ₂ windows	Z801569-2EA
Replacement windows for Specac® variable pathlength cell, NaCl windows	Z801445-2EA
Ring holders for Specac® mini-pellet press	Z802786-2EA
32mm Round cell window, BaF ₂ , Undrilled	Z112135-1EA
32mm Round cell window, CaF ₂ , Undrilled	Z267589-1EA
32mm Round cell window, Irtran-2, Undrilled	Z112143-1EA
32mm Round cell window, KBr, Undrilled	Z112119-1EA
32mm Round cell window, KRS-5, Undrilled	Z267708-1EA
32mm Round cell window, NaCl, Undrilled	Z112100-1EA
32mm Round cell window, ZnSe, Undrilled	Z267821-1EA
32mm Round cell window, BaF ₂ , Drilled	Z112194-1EA
32mm Round cell window, CaF ₂ , Drilled	Z267597-1EA
32mm Round cell window, Irtran-2, Drilled	Z112208-1EA
32mm Round cell window, KBr, Drilled	Z112178-1EA
32mm Round cell window, KRS-5, Drilled	Z267716-1EA
32mm Round cell window, NaCl, Drilled	Z112151-1EA
32mm Round cell window, ZnSe, Drilled	Z267848-1EA
Round crystal window, BaF ₂ , diam. × thickness 25 mm × 4 mm	Z123625-1EA
Round crystal window, CaF ₂ , diam. × thickness 13 mm × 2 mm	Z804622-1EA
Round crystal window, CaF ₂ , diam. × thickness 20 mm × 2 mm	Z804746-1EA
Round crystal window, CaF ₂ , diam. × thickness 22 mm × 2 mm	Z804843-1EA
Round crystal window, CaF ₂ , diam. × thickness 25 mm × 5 mm	Z804959-1EA
Round crystal window, CaF ₂ , diam. × thickness 25 mm × 2 mm	Z267562-1EA
Round crystal window, CaF ₂ , diam. × thickness 25 mm × 4 mm	Z267570-1EA
Round crystal window, CsI, diam. × thickness 25 mm × 4 mm	Z267600-1EA
Round crystal window, Ge, diam. × thickness 13 mm × 2 mm	Z267619-1EA
Round crystal window, KBr, diam. × thickness 20 mm × 2 mm	Z805289-1EA
Round crystal window, KBr, diam. × thickness 22 mm × 2 mm	Z805394-1EA
Round crystal window, KBr, diam. × thickness 25 mm × 2 mm	Z267627-1EA
Round crystal window, KBr, diam. × thickness 25 mm × 4 mm	Z123609-1EA
Round crystal window, KBr, diam. × thickness 25 mm × 5 mm	Z267635-1EA

* Name	Catalog Number
Round crystal window, KBr, diam. × thickness 38 mm × 6 mm	Z267643-1EA
Round crystal window, KBr, diam. × thickness 49 mm × 6 mm	Z267651-1EA
Round crystal window, KBr, diam. × thickness 50 mm × 3 mm	Z267678-1EA
Round crystal window, KCl, diam. × thickness 25 mm × 2 mm	Z803731-1EA
Round crystal window, KCl, diam. × thickness 25 mm × 4 mm	Z803847-1EA
Round crystal window, KCl, diam. × thickness 32 mm × 3 mm, undrilled	Z803960-1EA
Round crystal window, KCl, diam. × thickness 32 mm × 3 mm, drilled	Z804061-1EA
Round crystal window, KRS-5, diam. × thickness 25 mm × 2 mm	Z267686-1EA
Round crystal window, KRS-5, diam. × thickness 25 mm × 4 mm	Z267694-1EA
Round crystal window, NaCl, diam. × thickness 20 mm × 2 mm	Z805068-1EA
Round crystal window, NaCl, diam. × thickness 22 mm × 4 mm	Z805165-1EA
Round crystal window, NaCl, diam. × thickness 25 mm × 2 mm	Z267724-1EA
Round crystal window, NaCl, diam. × thickness 25 mm × 4 mm	Z123595-1EA
Round crystal window, NaCl, diam. × thickness 25 mm × 5 mm	Z267732-1EA
Round crystal window, silicon, diam. × thickness 13 mm × 2 mm	Z267740-1EA
Round crystal window, ZnSe, diam. × thickness 13 mm × 2 mm	Z267791-1EA
Round crystal window, ZnSe, diam. × thickness 25 mm × 2 mm	Z267805-1EA
Round crystal window, ZnSe, diam. × thickness 25 mm × 4 mm	Z267813-1EA
Round crystal window, ZnSe, diam. × thickness 49 mm × 3 mm	Z267856-1EA
Round crystal window, ZnSe, diam. × thickness 50 mm × 3 mm	Z267864-1EA
Round crystal window, ZnS (Irtran-2), diam. × thickness 25 mm × 2 mm	Z123633-1EA
Screw type capsule and pestle for Digital Wig-L-Bug® grinder/mixer	Z529664-6EA
Screw type capsule for Digital Wig-L-Bug® grinder/mixer, plastic (with O-ring)	Z529672-1EA
Sealed pathlength cell, pathlength 0.015 mm, volume 0.09 mL, NaCl	Z123099-1EA
Sealed pathlength cell, pathlength 0.025 mm, volume 0.125 mL, NaCl	Z123110-1EA
Sealed pathlength cell, pathlength 0.05 mm, volume 0.20 mL, NaCl	Z123137-1EA
Sealed pathlength cell, pathlength 0.2 mm, volume 0.70 mL, NaCl	Z123188-1EA
Sealed pathlength cell, pathlength 1.0 mm, volume 3.0 mL, NaCl	Z123234-1EA
Sealed pathlength cell, pathlength 0.015 mm, volume 0.09 mL, KBr	Z123102-1EA
Sealed pathlength cell, pathlength 0.025 mm, volume 0.125 mL, KBr	Z123129-1EA
Sealed pathlength cell, pathlength 0.05 mm, volume 0.20 mL, KBr	Z123145-1EA
Sealed pathlength cell, pathlength 0.1 mm, volume 0.35 mL, KBr	Z123161-1EA
Sealed pathlength cell, pathlength 0.2 mm, volume 0.70 mL, KBr	Z123196-1EA
Sealed pathlength cell, pathlength 1.0 mm, volume 3.0 mL, KBr	Z123242-1EA

3: Analytical Applications & Standards

Spectroscopy Consumables

IR

* Name	Catalog Number
Specac® Atlas 15T manual hydraulic press	Z803103-1EA
Specac® Benchmark baseplate, for Agilent/Biorad/ Varian 6000 series FTS7, 40, 60, 65, 100, 135, 155, 165, 175, 185, Excalibur, 660, 670, 6000	Z803537-1EA
Specac® Benchmark baseplate, for Analect FX-6200, RXF40/65	Z805742-1EA
Specac® Benchmark baseplate, for Biorad Intelligent	Z800260-1EA
Specac® Benchmark baseplate, for Bomem M100 series (110, 120)	Z805084-1EA
Specac® Benchmark baseplate, for Bomem MB100 Non-Kinematic (Arid Zone), MB3000	Z805629-1EA
Specac® Benchmark baseplate, for Bomem MB100 (155,157), MB3000	Z805181-1EA
Specac® Benchmark baseplate, for Bruker IFS25, 45, 55, 48, 66, 66V, 85, 88 Vector 22, Equinox	Z805858-1EA
Specac® Benchmark baseplate, for Bruker IFS113, IFS28	Z805513-1EA
Specac® Benchmark baseplate, for Bruker 22, 55, 66, 66V, 88, Vector 22, Equinox, IFS125HR	Z804649-1EA
Specac® Benchmark baseplate, for Bruker Tensor 25, 27, 33 Q-lock, Vertex 70, 80	Z803863-1EA
Specac® Benchmark baseplate, for Jasco spectrometers (all models)	Z803766-1EA
Specac® Benchmark baseplate, for Mattson 1000,1020, PU 9600	Z804975-1EA
Specac® Benchmark baseplate, for Mattson Galaxy 2000, 3000, 4000, 5000, 6000, 7000, 8000 Genesis. RS, Infinity (8000 is L-R)	Z805300-1EA
Specac® Benchmark baseplate, for Midac spectrometers (all models)	Z805416-1EA
Specac® Benchmark baseplate, for Perkin Elmer 1700, 1800	Z805955-1EA
Specac® Benchmark baseplate, for Perkin Elmer 1700 Shuttle	Z800031-1EA
Specac® Benchmark baseplate, for Perkin Elmer Spectrum 1, 100, 400, 4000, 8000 (Frontier) ((suitable for Quest ATR only))	Z804312-1EA
Specac® Benchmark baseplate, for Perkin Elmer Spectrum 1 Intelligent (not suitable with Quest ATR)	Z800147-1EA
Specac® Benchmark baseplate, for Perkin Elmer Spectrum 1, 100, 400, 4000, 8000 (Frontier) ((not suitable with Quest ATR))	Z803987-1EA
Specac® Benchmark baseplate, for Perkin Elmer Spectrum 2 ((not suitable with Quest ATR))	Z804207-1EA
Specac® Benchmark baseplate, for Perkin Elmer Spectrum 2 ((suitable for Quest ATR only))	Z804436-1EA
Specac® Benchmark baseplate, for Perkin Elmer 1600, Paragon, Spectrum 1000, BX, RX	Z804762-1EA
Specac® Benchmark baseplate, for Perkin Elmer 2000, Spectrum 2000, GX	Z804878-1EA
Specac® Benchmark baseplate, for Shimadzu 8000, 8100, 8200, 8300, 8400, 8500, Prestige 21, IR Affinity	Z803650-1EA
Specac® Benchmark baseplate, for Thermo Nicolet iS5	Z804096-1EA
Specac® Benchmark baseplate, for Thermo Nicolet 205	Z804533-1EA
Specac® Benchmark baseplate, for Thermo Nicolet 500, 700, 710, 740, 800, 5PC, 5SXC, Magna, Protege, Avatar, Nexus, Impact, 6700, iS10, iS50	Z803421-1EA
Specac® Golden Gate ATR Mk II, with KRS-5 Lenses	Z802115-1EA
Specac® Golden Gate ATR Mk II, with ZnSe Lenses	Z802018-1EA
Specac® mini-film maker assembly	Z802999-1EA
Specac® mini-film maker kit	Z802883-1EA
Specac® mini-pellet press pack, including 7mm Die Assembly	Z802441-1EA
Specac® Omni Cell demountable cell for IR spectroscopy	Z803758-1EA
Specac® Omni Cell spacers, size 0.025 mm , rectangular, lead	Z805831-5EA
Specac® Omni Cell spacers, size 0.05 mm , rectangular, lead	Z805947-5EA

* Name	Catalog Number
Specac® Omni Cell spacers, size 0.10 mm , rectangular, lead	Z800023-5EA
Specac® Omni Cell spacers, size 0.20 mm , rectangular, lead	Z800139-5EA
Specac® Omni Cell spacers, size 0.50 mm , rectangular, lead	Z800252-5EA
Specac® Omni Cell spacers, size 1.00 mm , rectangular, lead	Z800368-5EA
Specac® Omni Cell spacers, size 0.006 mm , rectangular, Mylar	Z800465-5EA
Specac® Omni Cell spacers, size 0.012 mm , rectangular, Mylar	Z800589-5EA
Specac® Omni Cell spacers, size 0.025 mm , rectangular, Mylar	Z800694-5EA
Specac® Omni Cell spacers, size 0.05 mm , rectangular, PTFE	Z805297-5EA
Specac® Omni Cell spacers, size 0.10 mm , rectangular, PTFE	Z805408-5EA
Specac® Omni Cell spacers, size 0.20 mm , rectangular, PTFE	Z805505-5EA
Specac® Omni Cell spacers, size 0.50 mm , rectangular, PTFE	Z805610-5EA
Specac® Omni Cell spacers, size 1.00 mm , rectangular, PTFE	Z805734-5EA
Specac® Omni Cell spacers, for windows <4 mm	Z805173-1EA
Specac® Omni Cell spacers, set of assorted PTFE spacers	Z800791-1SET
Specac® Omni Cell windows, AgBr, 41mm x 23mm x 2mm, for Omni Cell	Z804851-2EA
Specac® Omni Cell windows, BaF ₂ , 41mm x 23mm x 4mm, for Omni Cell	Z804193-2EA
Specac® Omni Cell windows, CaF ₂ , 41mm x 23mm x 4mm, for Omni Cell	Z804088-2EA
Specac® Omni Cell windows, CsBr, 41mm x 23mm x 4mm, for Omni Cell	Z804630-2EA
Specac® Omni Cell windows, CsI, 41mm x 23mm x 4mm, for Omni Cell	Z804525-2EA
Specac® Omni Cell windows, KBr, 41mm x 23mm x 4mm, for Omni Cell	Z803979-2EA
Specac® Omni Cell windows, KRS-5, 41mm x 23mm x 4mm, for Omni Cell	Z804428-2EA
Specac® Omni Cell windows, NaCl, 41mm x 23mm x 4mm, for Omni Cell	Z803855-2EA
Specac® Omni Cell windows, Polyethylene, 41mm x 23mm x 3mm, for Omni Cell	Z805076-2EA
Specac® Omni Cell windows, Silica (IR), 41mm x 23mm x 2mm, for Omni Cell	Z804754-2EA
Specac® Omni Cell windows, Silicon, 41mm x 23mm x 2mm, for Omni Cell	Z804967-2EA
Specac® Omni Cell windows, ZnSe, 41mm x 23mm x 2mm, for Omni Cell	Z804304-2EA
Specac® PearlLiquid Analyser	Z805432-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z804673-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z802484-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z802581-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z802700-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z802816-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z802913-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z803022-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z803146-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z803243-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z803359-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z803464-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z803561-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z803685-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z803790-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z803901-1EA

* Name	Catalog Number
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z804010-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z804134-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z804231-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z804347-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z804460-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z804576-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z802255-1EA
Specac® Pearl™ Liquid Analyser Oyster™ bottom	Z802379-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z805548-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z805645-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z805769-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z805874-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z805971-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z800066-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z800163-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z800287-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z800392-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z800503-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z800619-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z800724-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z800821-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z800937-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z801054-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z801151-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z801267-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z801372-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z801488-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z801593-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z801704-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z801828-1EA
Specac® Pearl™ Liquid Analyser Oyster™ complete	Z801925-1EA
Specac® Pearl™ Liquid Analyser Oyster™ top	Z802042-1EA
Specac® Pearl™ Liquid Analyser Oyster™ top	Z802158-1EA
Specac® purge bellows adapter, for Specac® Benchmark baseplat Z803421	Z800910-1EA
Specac® Quest ATR diamond accessory , Color Black	Z802220-1EA
Specac® Quest ATR diamond extended wavelength accessory, Color Black	Z802344-1EA
Specac® sealed flow cell for IR spectroscopy, CaF ₂ windows, 0.1 mm pathlength	Z801771-1EA
Specac® sealed flow cell for IR spectroscopy, NaCl windows, 0.1 mm pathlength	Z801674-1EA
Specac® variable pathlength cell for IR spectroscopy, CaF ₂ windows	Z801348-1EA
Specac® variable pathlength cell for IR spectroscopy, NaCl windows	Z801232-1EA
Steel vial and ball pestle for analog Wig-L-Bug® grinder/mixer, stainless steel, diam. x L 1/2 in. x 1.0 in.	Z111554-1EA
Vial adapter for analog Wig-L-Bug® grinder/mixer, for vial, 1/2 in. diam. x 1.0 in. L	Z111406-1EA
Vial adapter for analog Wig-L-Bug® grinder/mixer, for vial, 1/2 in. diam. x 2.0 in. L	Z111511-1EA
Viton® O-rings for Presslok demountable cell holder, Viton® O-rings for Z123358	Z123366-12EA
Viton® O-rings for Presslok demountable cell holder, Viton® O-rings for Z112321	Z247286-1PAK
Wig-L-Bug® grinder/mixer, analog, AC input 115 V	Z111384-1EA
Window for Aldrich® adjustable cell holder, NaCl, Unpolished	Z102776-1EA Z102776-10EA
Window for Aldrich® adjustable cell holder, KBr, Unpolished	Z107611-1EA
Window for Aldrich® adjustable cell holder, NaCl, Polished	Z108391-1EA

* Name	Catalog Number
Window for Aldrich® adjustable cell holder, KBr, Polished	Z108383-1EA
Window for Beckman® Multi-Cell Mount™, NaCl, Undrilled	Z150673-1EA
Window for Beckman® Multi-Cell Mount™, KBr, Undrilled	Z150738-1EA
Window for Beckman® Multi-Cell Mount™, NaCl, Drilled	Z150681-1EA
Window for Beckman® Multi-Cell Mount™, KBr, Drilled	Z150746-1EA
Window for PerkinElmer® and Wilks holders, NaCl, Undrilled	Z150657-1EA
Window for PerkinElmer® and Wilks holders, KBr, Undrilled	Z150703-1EA
Window for PerkinElmer® and Wilks holders, NaCl, Drilled	Z150665-1EA
Window for PerkinElmer® and Wilks holders, KBr, Drilled	Z150711-1EA

Mass Spectroscopy

* Name	Catalog Number
Mass scale and resolution set-up solution, for mass spectrometry, 2.0 g/L NaI and 0.05 g/L RbI in 50:50 2-propanol and water	42166-15ML
Micro-Array for Mass Spectrometry (MAMS), for single cell analysis	50757-1EA

Peripheral

* Name	Catalog Number
ABC Fully Demountable Torch	GX308080705-1EA
ABC Fully Demountable Torch	GX308080805-1EA
ABC Fully Demountable Torch	GX308080878-1EA
ABC Fully Demountable Torch, with all quartz tubes	GX308080704-1EA
ABC Fully Demountable Torch, with all quartz tubes	GX308080692-1EA
ABC Fully Demountable Torch, with HF resistant alumina injector	GX308080693-1EA
ABC Fully Demountable Torch, with all quartz tubes	GX308080696-1EA
ABC Fully Demountable Torch, with HF resistant alumina injector	GX308080697-1EA
ABC Fully Demountable Torch, with all ceramic tubes	GX308080698-1EA
Argon Connection Kit, pack of 2	GX318082639-1EA
Aux Gas Connector	GX708031137-1EA
Cinnabar™ Spray Chamber, with Helix, 20 mL cyclonic, Borosilicate glass	GX208090003HE-1EA
Cinnabar™ Spray Chamber, with Helix, 20 mL cyclonic, Borosilicate glass	GX208092575HE-1EA
Conikal™ Nebulizer, 1 mL/min with EzyFit & EzyLok	GXAR351FC1E-1EA
Conikal™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR301FC2E-1EA
Conikal™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR3007FC2E-1EA
Conikal™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR3507FC2E-1EA
Conikal™ Nebulizer, 1 mL/min with EzyFit & EzyLok & 0.25 x 1.3 x 700mm Tube	GXAR401FC1LE-1EA
Conikal™ Nebulizer, 1 mL/min with EzyFit & EzyLok	GXAR3007FC1E-1EA
Conikal™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR4007FC2E-1EA
Conikal™ Nebulizer, 1 mL/min with EzyFit & EzyLok	GXAR501FC1E-1EA
Conikal™ Nebulizer, 1 mL/min with EzyFit & EzyLok	GXAR301FC1ES-1EA
Conikal™ Nebulizer, 1 mL/min with EzyFit & EzyLok	GXAR3507FC1E-1EA
Conikal™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR27075FC2E-1EA
Conikal™ U-Series Nebulizer, 1 mL/min	GXARG1UC1-1EA
Conikal™ U-Series Nebulizer, 1 mL/min for MP	GXMP07UC1-1EA
Conikal™ U-Series Nebulizer, 2 mL/min	GXARG1UC2-1EA
Conikal™ U-Series Nebulizer, 2 mL/min	GXARG07UC2-1EA

3: Analytical Applications & Standards

Spectroscopy Consumables

Peripheral

* Name	Catalog Number
Conikal™ U-Series Nebulizer, 1 mL/min & 0.25 x 1.3 x 700mm Tube	GXARG1UC1L-1EA
Conikal™ U-Series Nebulizer, 1 mL/min	GXARG1UC1S-1EA
Drain Device	GX218088214-1EA
DuraMist™ Nebulizer, 0.4 mL/min	GXARG1DM04-1EA
DuraMist™ Nebulizer, 1 mL/min	GXARG1DM1-1EA
DuraMist™ Nebulizer, 1 mL/min for MP	GXMP07DM1-1EA
DuraMist™ Nebulizer, 0.4 mL/min	GXARG07DM04-1EA
DuraMist™ Nebulizer, 1 mL/min	GXARG07DM1-1EA
Elbow Adaptor, EOP Torch to Spray Chamber	GX318083244-1EA
Elbow Adaptor	GX318083249-1EA
End Cap with Blend Gas Connector and Helix	GX218080662-1EA
Fully Demountable Torch, with HF resistant alumina injector	GX308081080-1EA
Fully Demountable Torch	GX308081199-1EA
Gas Connector, Male	GX318081167-1EA
Gas Connector, Female	GX318081166-1EA
Glass Transfer Tube, Spray Chamber	GX218092846-1EA
HF Drain Device	GX218092540-1EA
High Efficiency Quartz Torch	GX318082784-1EA
High Solids Quartz Torch	GX308070550-1EA
IsoMist™ Kit, IsoMist Programmable Temperature Spray Chamber	GXKT1053-1EA
IsoMist™ Kit, IsoMist Programmable Temperature Spray Chamber, with PFA Spray Chamber	GXKT1053P-1EA
IsoMist™ Kit, IsoMist Programmable Temperature Spray Chamber	GXKT1010-1EA
IsoMist™ Kit, IsoMist Programmable Temperature Spray Chamber, with Quartz Spray Chamber	GXKT1103Q-1EA
IsoMist™ Kit, IsoMist Programmable Temperature Spray Chamber	GXKT1103-1EA
IsoMist™ Kit, IsoMist Programmable Temperature Spray Chamber, with Quartz Spray Chamber	GXKT1010Q-1EA
Metal Ball Joint Clip	GXJC19-1EA
MicroMist™ Nebulizer, 0.05 mL/min with EzyFit & EzyLok	GXAR351FM005E-1EA
MicroMist™ Nebulizer, 0.1 mL/min with EzyFit & EzyLok	GXAR351FM01E-1EA
MicroMist™ Nebulizer, 0.2 mL/min with EzyFit & EzyLok	GXAR351FM02E-1EA
MicroMist™ Nebulizer, 0.4 mL/min with EzyFit & EzyLok	GXAR351FM04E-1EA
MicroMist™ Nebulizer, 0.4 mL/min with EzyFit & EzyLok & 0.5 x 1.6 x 700 mm Tube	GXAR351FM04EX-1EA
MicroMist™ Nebulizer, 0.05 mL/min with EzyFit & EzyLok	GXAR301FM005E-1EA
MicroMist™ Nebulizer, 0.1 mL/min with EzyFit & EzyLok	GXAR301FM01E-1EA
MicroMist™ Nebulizer, 0.2 mL/min with EzyFit & EzyLok	GXAR301FM02E-1EA
MicroMist™ Nebulizer, 0.4 mL/min with EzyFit & EzyLok	GXAR301FM04E-1EA
MicroMist™ Nebulizer, 0.2 mL/min with EzyFit & EzyLok	GXAR3007FM02E-1EA
MicroMist™ Nebulizer, 0.6 mL/min with EzyFit & EzyLok	GXAR3007FM06E-1EA
MicroMist™ Nebulizer, 0.05 mL/min with EzyFit & EzyLok	GXAR3507FM005E-1EA
MicroMist™ Nebulizer, 0.1 mL/min with EzyFit & EzyLok	GXAR3507FM01E-1EA
MicroMist™ Nebulizer, 0.2 mL/min with EzyFit & EzyLok	GXAR3507FM02E-1EA
MicroMist™ Nebulizer, 0.6 mL/min with EzyFit & EzyLok	GXAR3507FM06E-1EA

* Name	Catalog Number
MicroMist™ Nebulizer, 0.05 mL/min with EzyFit & EzyLok	GXAR401FM005E-1EA
MicroMist™ Nebulizer, 0.1 mL/min with EzyFit & EzyLok	GXAR401FM01E-1EA
MicroMist™ Nebulizer, 0.2 mL/min with EzyFit & EzyLok	GXAR401FM02E-1EA
MicroMist™ Nebulizer, 0.4 mL/min with EzyFit & EzyLok	GXAR401FM04E-1EA
MicroMist™ Nebulizer, 0.05 mL/min with EzyFit & EzyLok	GXAR4007FM005E-1EA
MicroMist™ Nebulizer, 0.2 mL/min with EzyFit & EzyLok	GXAR4007FM02E-1EA
MicroMist™ Nebulizer, 0.6 mL/min with EzyFit & EzyLok	GXAR4007FM06E-1EA
MicroMist™ Nebulizer, 0.05 mL/min with EzyFit & EzyLok	GXAR501FM005E-1EA
MicroMist™ Nebulizer, 0.1 mL/min with EzyFit & EzyLok	GXAR501FM01E-1EA
MicroMist™ Nebulizer, 0.2 mL/min with EzyFit & EzyLok	GXAR501FM02E-1EA
MicroMist™ Nebulizer, 0.4 mL/min with EzyFit & EzyLok	GXAR501FM04E-1EA
MicroMist™ Nebulizer, 0.2 mL/min with EzyFit & EzyLok	GXAR351FM02LE-1EA
MicroMist™ Nebulizer, 0.1 mL/min with EzyFit & EzyLok	GXAR3507FM01ES-1EA
MicroMist™ Nebulizer, 0.6 mL/min with EzyFit & EzyLok	GXAR3507FM06ES-1EA
MicroMist™ Nebulizer, 0.05 mL/min with EzyFit & EzyLok	GXAR27075FM005E-1E
MicroMist™ Nebulizer, 0.1 mL/min with EzyFit & EzyLok	GXAR27075FM01E-1EA
MicroMist™ Nebulizer, 0.2 mL/min with EzyFit & EzyLok	GXAR27075FM02E-1EA
MicroMist™ Nebulizer, 0.6 mL/min with EzyFit & EzyLok	GXAR27075FM06E-1EA
MicroMist™ Nebulizer, 0.05 mL/min with EzyFit & EzyLok	GXAR3007FM005E-1EA
MicroMist™ Nebulizer, 0.1 mL/min with EzyFit & EzyLok	GXAR3007FM01E-1EA
MicroMist™ U-Series Nebulizer, 0.05 mL/min	GXARG1UM005-1EA
MicroMist™ U-Series Nebulizer, 0.1mL/min & 0.25 x 1.6 x 700 mm Tube	GXARG1UM01Q-1EA
MicroMist™ U-Series Nebulizer, 0.2 mL/min	GXARG1UM02-1EA
MicroMist™ U-Series Nebulizer, 0.4 mL/min	GXARG1UM04-1EA
MicroMist™ U-Series Nebulizer, 0.05 mL/min & 0.25 x 1.6 x 700 mm Tube	GXARG1UM005Q-1EA
MicroMist™ U-Series Nebulizer, 0.2 mL/min & 0.5 x 1.6 x 700 mm Tube	GXARG1UM02X-1EA
MicroMist™ U-Series Nebulizer, 0.4 mL/min & 0.5 x 1.6 x 700 mm Tube	GXARG1UM04X-1EA
MicroMist™ U-Series Nebulizer, 0.1 mL/min	GXARG1UM01-1EA
MicroMist™ U-Series Nebulizer, 0.05 mL/min	GXARG07UM005-1EA
MicroMist™ U-Series Nebulizer, 0.1 mL/min	GXARG07UM01-1EA
MicroMist™ U-Series Nebulizer, 0.2 mL/min	GXARG07UM02-1EA
MicroMist™ U-Series Nebulizer, 0.6 mL/min	GXARG07UM06-1EA
MicroMist™ U-Series Nebulizer, 0.2 mL/min, with 0.25mm ID tubing	GXARG1UM02L-1EA
MicroMist™ U-Series Nebulizer, 0.1 mL/min	GXARG07UM01S-1EA
MicroMist™ U-Series Nebulizer, 0.6 mL/min	GXARG07UM06S-1EA
Mounting Bracket, for HF Spray Chamber	GX218092839-1EA
One Piece Torch, 1.5 mm Injector with Ball Joint	GX308083007-1EA
OpalMist™ Nebulizer, 0.05 mL/min & 0.18 x 1.6 x 700mm Tube	GXARG1PFA005Q-1EA

* Name	Catalog Number
OpalMist™ Nebulizer, 0.05 mL/min	GXARG1PFA005-1EA
OpalMist™ Nebulizer, 0.1 mL/min & 0.25 x 1.6 x 700 mm Tube	GXARG1PFA01Q-1EA
OpalMist™ Nebulizer, 0.2 mL/min & 0.5 x 1.6 x 700 mm Tube	GXARG1PFA02X-1EA
OpalMist™ Nebulizer, 0.2 mL/min	GXARG1PFA02-1EA
OpalMist™ Nebulizer, 0.4 mL/min	GXARG1PFA04-1EA
OpalMist™ Nebulizer, 0.4 mL/min & 0.5 x 1.6 x 700 mm Tube	GXARG1PFA04X-1EA
OpalMist™ Nebulizer, 2 mL/min	GXARG1PFA2-1EA
OpalMist™ Nebulizer, 0.1 mL/min	GXARG1PFA01-1EA
OpalMist™ Nebulizer, 0.05 mL/min	GXARG07PFA005-1EA
OpalMist™ Nebulizer, 0.1 mL/min	GXARG07PFA01-1EA
OpalMist™ Nebulizer, 0.2 mL/min	GXARG07PFA02-1EA
OpalMist™ Nebulizer, 0.6 mL/min;	GXARG07PFA06-1EA
OpalMist™ Nebulizer, 2 mL/min	GXARG07PFA2-1EA
OpalMist™ Nebulizer, 0.8 mL/min	GXARG1PFA08-1EA
OpalMist™ Nebulizer, 1 mL/min	GXARG1PFA1S-1EA
PCC PFA Spray Chamber	GXKT1109P-1EA
PCC PFA Spray Chamber	GXKT1116P-1EA
PCC Quartz Spray Chamber	GXKT1109Q-1EA
PCC Quartz Spray Chamber, includes Niagara mount	GXKT1117Q-1EA
PCC Quartz Spray Chamber	GXKT1116Q-1EA
PCC Spray Chamber	GXKT1109-1EA
PCC Spray Chamber	GXKT1116-1EA
PCC Spray Chamber, includes Niagara mount	GXKT1117-1EA
PolyCon™ Nebulizer, 0.05 mL/min with EzyFit & EzyLok, Beschreibung	GXARG1CP005-1EA
PolyCon™ Nebulizer, 0.1 mL/min	GXARG1CP01-1EA
PolyCon™ Nebulizer, 0.2 mL/min	GXARG1CP02-1EA
PolyCon™ Nebulizer, 0.4 mL/min	GXARG1CP04-1EA
PolyCon™ Nebulizer, 2 mL/min	GXARG1CP2-1EA
PolyCon™ Nebulizer, 1 mL/min	GXARG1CP1S-1EA
PolyCon™ Nebulizer, 0.05 mL/min	GXARG07CP005-1EA
PolyCon™ Nebulizer, 0.1 mL/min	GXARG07CP01-1EA
PolyCon™ Nebulizer, 0.2 mL/min	GXARG07CP02-1EA
PolyCon™ Nebulizer, 0.6 mL/min	GXARG07CP06-1EA
PolyCon™ Nebulizer, 2 mL/min	GXARG07CP2-1EA
PolyCon™ Nebulizer, 0.8 mL/min	GXARG1CP08-1EA
PT2000 Fully Demountable Torch	GX308080840-1EA
PuraFlex Transfer Tube	GX218092831-1EA
PuraFlex Transfer Tube, GAZ08-153	GX218092735-1EA
PuraFlex Transfer Tube, GAZ08-165	GX218093736-1EA
PuraFlex Transfer Tube, MB19-160-90deg	GX218093726-1EA
PuraFlex Transfer Tube, MB13-FB13-165	GX218092582-1EA
Quartz Adaptor MB19, 90deg	GX218093772-1EA
Quartz Bonnet	GX318083406-1EA
Quartz Bonnet	GX318082831-1EA
Quartz Bonnet	GX318083268-1EA
Quartz Connector, with 45° Dilution Port	GX318083280-1EA
Quartz Connector, with Dilution Port	GX318083217-1EA
Quartz Mini Torch	GX308070534-1EA
Quartz Radial Torch, with 6 mm OD side arms	GX308070022-1EA
Quartz SeaSpray™ U-Series Nebulizer, 1 mL/min	GXARG1QSS1-1EA
Quartz SeaSpray™ U-Series Nebulizer, 1 mL/min	GXARG07QSS1-1EA
Quartz Torch, with 1.0 mm Injector	GX308070516-1EA
Quartz Torch, with 1.0 mm Injector	GX308070558-1EA
Quartz Torch, with 1.5 mm Injector	GX308081211-1EA
Quartz Torch, with 1.5 mm Injector	GX308070557-1EA
Quartz Torch, with 2.5 mm Injector	GX308070556-1EA

* Name	Catalog Number
Quartz Torch, with 2.5 mm Injector	GX308080816-1EA
Quartz Torch, with 2.5 mm Injector, 2 Projections, HMI Compatible	GX308070542-1EA
Quartz Torch, 2.5 mm Injector for HP with front side arm 6 mm OD, back side arm 4 mm OD	GX308000016-1EA
Quartz Torch, 2.3 mm Injector	GX308000014-1EA
Quartz Torch, with 90 Deg. Bend & 2.3 mm Injector	GX308080478-1EA
Quartz Torch, High Solids with Ball Joint and 1.8 mm Injector	GX308070536-1EA
Quartz Torch, with 0.8 mm Injector	GX308070539-1EA
Quartz Torch, with Ball Joint and 1.4 mm Injector	GX308080875-1EA
Quartz Torch, High Solids	GX308081182-1EA
Quartz Torch, High Solids with Sheath Gas	GX308070526-1EA
Quartz Torch, High Solids Full Length with 90 Deg. Bend & 2.3 mm Injector	GX308070528-1EA
Quartz Torch, RA/FS13 & 2.3 mm Injector	GX308080540-1EA
Quartz Torch, with 1.8 mm Capillary for Oil Analysis	GX308080887-1EA
Quartz Torch, High Solids RA/FS13 & 2.3mm Injector	GX308081255-1EA
Quartz Torch, with 90 Deg. Bend & 0.8 mm Injector	GX308081346-1EA
Quartz Torch, with 90 Deg. Bend & 1.8 mm Capillary Injector	GX308083315-1EA
Quartz Torch, Organics, RA/FS13 & 0.8 mm Injector	GX308088216-1EA
Quartz Torch, High Solids, Short with 90 Deg. Bend & 2.3mm Injector	GX308089983-1EA
Quartz Torch, with 1.5 mm Injector	GX308070562-1EA
Quartz Torch, with 2.3 mm Injector	GX308081206-1EA
Quartz Torch	GX308088107-1EA
Quartz Torch, with 6 mm OD side arms	GX308070041-1EA
Quartz Torch, with 6 mm OD side arms	GX308070017-1EA
Quartz Torch, with 2 slots & 6 mm OD side arms	GX3080700172-1EA
Quartz Torch, Wear Metals	GX308078007-1EA
Quartz Torch, with single slot	GX308080845-1EA
Quartz Torch, Short without slot	GX308080845S-1EA
Quartz Torch, without slot	GX308081122-1EA
Quartz Torch, with 3 slots	GX308081470-1EA
Quartz Torch, with 3 slots	GX308070064-1EA
Quartz Torch, with 3 slots, long life	GX308083593-1EA
Quartz Torch, without slot	GX318083254-1EA
Quartz Torch, with single slot	GX318083255-1EA
Quartz Torch, with 3 slots	GX318083256-1EA
Quartz Torch, with 1.5 mm Injector	GX308080255-1EA
Quartz Torch, with 1.0 mm Injector	GX308080351-1EA
Quartz Torch	GX318082676-1EA
Quartz Torch	GX318082811-1EA
Quartz Torch	GX318082692-1EA
Quartz Torch	GX318082810-1EA
Quartz Torch, 1.5 mm Injector, 6 mm OD side arms	GX308080234-1EA
Quartz Torch, 2 mm Injector, 6 mm OD side arms	GX308080235-1EA
Quartz Torch, with 2.0 mm Injector	GX308070532-1EA
Quartz Torch, with 1.5 mm Injector	GX308081279-1EA
Quartz Torch	GX308070552-1EA
Quartz Torch, V2	GX308070563-1EA
Quartz Torch	GX308070514-1EA
Quartz Torch, with Fittings	GX308070559-1EA
Quartz Torch, 19 cm	GX308081125-1EA
Quartz Torch, Aqueous or Organics	GX308081133-1EA
Quartz Torch	GX308081134-1EA
Quartz Torch, with gas fittings	GX308081134F-1EA
Quartz Torch, aqueous with 1.5 mm injector	GX308081131-1EA
Quartz Torch, organics, with 1.0 mm injector	GX308081132-1EA
Quartz Torch, aqueous, with 2.5 mm injector	GX308083451-1EA

3: Analytical Applications & Standards

Spectroscopy Consumables

Peripheral

* Name	Catalog Number
Quartz Torch, with 1.5 mm Injector	GX308070560-1EA
Quartz Torch, with 1.5 mm Injector	GX308070561-1EA
Quartz Torch, 1.8 mm injector, for High TDS	GX308070518-1EA
Quartz Torch, 1.0 mm injector for organics	GX308070519-1EA
Quartz Torch, 2.0 mm injector for High TD	GX308070564-1EA
Quartz Torch, 1.5 mm Injector	GX308081090-1EA
Quartz Torch	GX308081091-1EA
Quartz Torch, 1.2 mm injector	GX308089986-1EA
Quartz Torch	GX308080736-1EA
Quartz Torch, for organics with auxiliary port	GX308081261-1EA
Quartz Torch, with 3.0 mm Injector, Sheath Gas & Fittings	GX308070570-1EA
Quartz Torch, 2.5 mm injector, 4 mm OD side arms	GX308080317-1EA
Quartz Torch, with 3.0 mm Injector, Sheath Gas & Fittings	GX308080676-1EA
Quartz Torch, 3.0 mm injector with Fixed Sheath Gas	GX308081165-1EA
Quartz Torch, 2.5 mm injector with gas fittings	GX308081212-1EA
Quartz Torch, 1.8 mm injector, Contour Flared End, with gas fittings	GX308081215-1EA
Quartz Torch, 1.8 mm injector, Flared End	GX308088005-1EA
Quartz Torch, 2.5 mm injector with gas fittings	GX308070524-1EA
Quartz Torch, 1.8 mm injector, 4 mm OD side arms	GX308080240-1EA
Quartz Torch, 1.0 mm injector AG1.0	GX308081202-1EA
Quartz Torch, 1.8 mm injector with gas fittings	GX308081214-1EA
Quartz Torch Body	GX318083357-1EA
Quartz Torch Bonnet	GX318082577-1EA
Quartz Torch Bonnet	GX318070078-1EA
Quartz Torch Bonnet, Long	GX318082805-1EA
Quartz Torch - Low Flow, with 1.4 mm Injector	GX308000015-1EA
Right Angle Ball Joint Adaptor	GX218092761-1EA
Screw cap wrench, for 250 mL and 1L PFA bottles	94468-1EA
Screw Mount	GX218093484-1EA
SeaSpray™ Nebulizer, 0.4 mL/min with EzyFit & EzyLok	GXAR351FSS04EX-1EA
SeaSpray™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR351FSS2E-1EA
SeaSpray™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR301FSS2E-1EA
SeaSpray™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR3007FSS2E-1EA
SeaSpray™ Nebulizer, 0.4 mL/min with EzyFit & EzyLok	GXAR301FSS04E-1EA
SeaSpray™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR3507FSS2E-1EA
SeaSpray™ Nebulizer, 0.4 mL/min with EzyFit & EzyLok	GXAR401FSS04E-1EA
SeaSpray™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR401FSS2E-1EA
SeaSpray™ Nebulizer, 0.4 mL/min with EzyFit & EzyLok	GXAR351FSS04E-1EA
SeaSpray™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR4007FSS2E-1EA
SeaSpray™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR501FSS2E-1EA
SeaSpray™ Nebulizer, 1 mL/min with EzyFit & EzyLok	GXAR351FSS1E-1EA
SeaSpray™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR301FSS2ES-1EA
SeaSpray™ Nebulizer, 2 mL/min with EzyFit & EzyLok	GXAR27075FSS2E-1EA
SeaSpray™ U-Series Nebulizer, 0.1mL/min & 0.25 x 1.6 x 700 mm Tube	GXARG1USS01Q-1EA
SeaSpray™ U-Series Nebulizer, 0.4 mL/min	GXARG1USS04X-1EA
SeaSpray™ U-Series Nebulizer, 2 mL/min	GXARG1USS2-1EA
SeaSpray™ U-Series Nebulizer, 0.4 mL/min for MP	GXMP07USS04-1EA
SeaSpray™ U-Series Nebulizer, 1 mL/min for MP	GXMP07USS1-1EA
SeaSpray™ U-Series Nebulizer, 0.4 mL/min	GXARG1USS04-1EA
SeaSpray™ U-Series Nebulizer, 0.4 mL/min	GXARG07USS04-1EA
SeaSpray™ U-Series Nebulizer, 2 mL/min	GXARG07USS2-1EA
SeaSpray™ U-Series Nebulizer, 0.1 mL/min	GXARG1USS01-1EA
SeaSpray™ U-Series Nebulizer, 1 mL/min	GXARG1USS1-1EA
SeaSpray™ U-Series Nebulizer, 2 mL/min	GXARG1USS2S-1EA

* Name	Catalog Number
Semi Demountable FE Torch	GX308080395-1EA
Semi Demountable FE Torch	GX308080394-1EA
Semi Demountable Torch, with Alumina Injector	GX308083069-1EA
Semi Demountable Torch	GX308083068-1EA
Semi Demountable Torch	GX308080379-1EA
Semi Demountable Torch	GX308080383-1EA
Semi Demountable Torch	GX308080542-1EA
Semi Demountable Torch	GX308080942-1EA
Semi Demountable Torch, with Alumina Injector	GX308080998-1EA
Semi Demountable Torch, with Quartz Injector	GX308081012-1EA
Semi Demountable Torch, with Alumina Injector	GX308088039-1EA
Semi Demountable Torch	GX308081467-1EA
Silver screen	GXTG5003-1EA
Slurry™ Nebulizer, 4 mL/min with EzyFit & EzyLok	GXAR351FS6E-1EA
Slurry™ Nebulizer, 4 mL/min with EzyFit & EzyLok	GXAR301FS6E-1EA
Slurry™ Nebulizer, 4 mL/min with EzyFit & EzyLok	GXAR3007FS6E-1EA
Slurry™ Nebulizer, 4 mL/min with EzyFit & EzyLok	GXAR3507FS6E-1EA
Slurry™ Nebulizer, 4 mL/min with EzyFit & EzyLok	GXAR401FS6E-1EA
Slurry™ Nebulizer, 4 mL/min with EzyFit & EzyLok	GXAR4007FS6E-1EA
Slurry™ Nebulizer, 4 mL/min with EzyFit & EzyLok	GXAR501FS6E-1EA
Slurry™ Nebulizer, 4 mL/min with EzyFit & EzyLok	GXAR27075FS6E-1EA
Slurry™ U-Series Nebulizer, 4 mL/min & 0.5 x 1.6 x 700 mm Tube	GXARG1US6X-1EA
Slurry™ U-Series Nebulizer, 4 mL/min	GXARG07US6-1EA
Slurry™ U-Series Nebulizer, 4 mL/min	GXARG1US6-1EA
Special Extended Quartz Torch, 1.5 mm Injector, 6 mm OD side arms	GX308080352-1EA
Spray Chamber Adaptor	GXKT1006-1EA
Spray Chamber Adaptor	GXKT1104-1EA
Standard High Flow Torch	GX308081136-1EA
Standard High Flow Torch	GX308081137-1EA
Standard High Flow Torch	GX308081138-1EA
Standard High Flow Torch	GX308081139-1EA
Standard Quartz Torch, 1.5 mm Injector	GX308081179-1EA
Standard Torch, with 1.5 mm Injector	GX308081143-1EA
Standard Torch	GX308081145-1EA
Straight Ball Joint Adaptor	GX218092723-1EA
Straight Quartz Connector	GX318082799-1EA
Straight Quartz Connector	GX318083288-1EA
D-Torch, without injector	GX308083015-1EA
D-Torch, without injector	GX308083305-1EA
D-Torch, without injector	GX308083052-1EA
D-Torch, without injector	GX308082919-1EA
D-Torch, with Quartz Outer Tube	GX308070540-1EA
D-Torch, with Ceramic Outer Tube	GX308082937-1EA
D-Torch, with Quartz Outer Tube	GX308082980-1EA
D-Torch, with Quartz Outer Tube	GX308082926-1EA
D-Torch, with Quartz Outer Tube	GX308082832-1EA
D-Torch, with Quartz Outer Tube	GX308083300-1EA
D-Torch, Quartz Outer Tube	GX308082844-1EA
D-Torch, Quartz Outer Tube	GX308082877-1EA
D-Torch	GX308082882-1EA
D-Torch, without injector	GX308083371-1EA
D-Torch, without injector	GX308082928-1EA
D-Torch HF, without injector	GX308083467-1EA
Tracey™ PFA44 Spray Chamber, with ScrewLok & Helix, 44 mL cyclonic, PFA	GX208092578-1EA
Tracey™ Spray Chamber	GX208088882HE-1EA
Tracey™ Spray Chamber, with Helix	GX208090600HE-1EA
Tracey™ Spray Chamber, with Helix	GX208090434HE-1EA

* Name	Catalog Number
Tracey™ Spray Chamber, with Helix	GX208092665HE-1EA
Tracey™ Spray Chamber, with Helix	GX208088881HE-1EA
Tracey™ TFE Spray Chamber	GX208099188-1EA
Tracey™ TFE Spray Chamber, with Helix	GX208092507-1EA
Tracey™ TFE Spray Chamber, with Helix	GX208092510-1EA
Tracey™ TFE Spray Chamber, with Helix	GX208092506-1EA
Tracey™ TFE Spray Chamber, with Helix	GX208093469-1EA
Tracey™ TFE Spray Chamber, with B14 Drain and Helix	GX208092508-1EA
Tracey™ TFE Spray Chamber FB19	GX208093717-1EA
Twinnabar™ Spray Chamber, with Helix, 20 mL cyclonic, Borosilicate glass	GX208090261HE-1EA
Twinnabar™ Spray Chamber, with Helix, 20 mL cyclonic, Borosilicate glass	GX208092577HE-1EA
Twister™ Spray Chamber, with Helix, 50 mL cyclonic, Borosilicate glass	GX208090260HE-1EA
Twister™ Spray Chamber, with Helix, 50 mL cyclonic, Borosilicate glass	GX208092574HE-1EA
Twister™ Spray Chamber, with Helix	GX208090222HE-1EA
Twister™ Spray Chamber, with Helix	GX208090285HE-1EA
Twister™ Spray Chamber, with Helix	GX208090296HE-1EA
Twister™ Spray Chamber, with 2.4mm Aux Port and 90deg Screw Mount	GX208093854HE-1EA
Twister™ Spray Chamber, with Aux Port & Helix (Organics)	GX208090004HE-1EA
Twister™ Spray Chamber, with Helix	GX208090208HE-1EA
Twister™ Spray Chamber, with Helix (Organics)	GX208090446HE-1EA
Twister™ Spray Chamber, with Helix	GX208090495HE-1EA
Twister™ Spray Chamber, with Helix	GX208092951HE-1EA
Twister™ Spray Chamber, with B14 Drain and Helix	GX208099119HE-1EA
Twister™ Spray Chamber, with Long Neck and Helix	GX208090243HE-1EA
VeeSpray™ Ceramic Nebulizer	GXARG1CV6-1EA
VeeSpray™ Ceramic Nebulizer	GXARG07CV6-1EA
VeeSpray™ Ceramic Nebulizer, for MP	GXMP07CV6-1EA

UV/VIS Fluorescence

* Name	Catalog Number
Aldrich® cuvette washer	Z242721-1EA
Aldrich® cuvette washer and drier	Z202711-1EA
Cable assay, 2100N/AN Computer	Z800880-1EA
Cuvette mixer, Square footprint	Z370827-3EA
Cuvette mixer, Narrow footprint	Z370835-3EA
Cuvette rack, Holds 12 cuvettes	R2633-1EA
Cuvette rack, Holds 20 cuvettes	Z363553-1EA
Disposable UV-grade methacrylate cuvettes, capacity 1.5 mL, semi-micro, frosted wall	Z187992-1PAK
Disposable UV-grade methacrylate cuvettes, capacity 4.5 mL, macro, grooved wall	Z187984-1PAK
Disposable UV-grade methacrylate cuvettes, capacity 4.5 mL, pathlength 10 mm, macro, clear wall	Z188018-1PAK
Eppendorf® UVette®, pack of 80 disposable cuvettes, limit 220-1,600 nm spectral range	Z605050-80EA
Eppendorf® UVette®, Starter set	Z618683-1SET
Eppendorf® UVette® adapter, GeneQuant 1/11	Z618578-1EA
Eppendorf® UVette® adapter, size 15 mm, light center height	Z606650-1EA
Fluorimeter cuvettes, Polymethacrylate, without stopper	C0793-100EA
Fluorimeter cuvettes, Polystyrene, without stopper	C0918-100EA
Genesys 20 spectrophotometer, With Euro cord	Z376035-1EA
HACH DATATRANS Software	Z800333-1EA
HachLink 2000 Software Package CD-Rom-version 2.9	Z800775-1EA

* Name	Catalog Number
Hellma® absorption cuvettes, cells for magnetic stirrers, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 10 mm, chamber volume 3500 µL	Z803669-1EA
Hellma® absorption cuvettes, cells for magnetic stirrers, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 10 mm, chamber volume 1500 µL	Z803774-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 1 mm, chamber volume 62 µL	Z626929-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 50 mm, chamber volume 370 µL	Z804770-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 50 mm, chamber volume 370 µL	Z804886-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 2 mm, chamber volume 124 µL	Z626937-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 5 mm, chamber volume 195 µL	Z626945-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 5 mm, chamber volume 195 µL	Z626953-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 390 µL	Z626988-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 390 µL	Z626996-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 80 µL	Z600989-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, pathlength 0.1 mm, limit 200-2500 nm spectral range, chamber volume 6.2 µL	Z801550-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 0.2 mm, chamber volume 12.4 µL	Z801666-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 0.5 mm, chamber volume 31 µL	Z801763-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 50 mm, chamber volume 1950 µL	Z801887-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 50 mm, chamber volume 1950 µL	Z801992-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 50 mm, chamber volume 2250 µL	Z802107-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 50 mm, chamber volume 2250 µL	Z802212-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 80 µL	Z601004-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 80 µL	Z600849-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 80 µL	Z600857-1EA
Hellma® absorption cuvettes, Flow-through cells, Suprasil® 300 quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 80 µL	Z627011-1EA
Hellma® absorption cuvettes, Flow-through cells, optical glass, limit 320-2500 nm spectral range, pathlength 10 mm, chamber volume 18 µL, T design	Z802565-1EA
Hellma® absorption cuvettes, Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 300 µL	Z600598-1EA
Hellma® absorption cuvettes, Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 300 µL	Z600563-1EA

* Name	Catalog Number
Hellma® absorption cuvettes, standard cells, ultra Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 50 µL	Z600393-1EA
Hellma® absorption cuvettes, standard cells, ultra Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 50 µL	Z600415-1EA
Hellma® absorption cuvettes, standard cells, ultra Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 5 µL	Z627046-1EA
Hellma® absorption cuvettes, standard cells, ultra Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 5 µL	Z627062-1EA
Hellma® absorption cuvettes, ultra Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 160 µL	Z600318-1EA
Hellma® absorption cuvettes, ultra Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 160 µL	Z600334-1EA
Hellma® absorption cuvettes, ultra Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 160 µL	Z600350-1EA
Hellma® absorption cuvettes, ultra Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 100 µL	Z600377-1EA
Hellma® aluminum spacer, 38mmx12.5mmx9 mm, to fit cells with 1 mm light path into 10 mm cell holder	Z801135-1EA
Hellma® aluminum spacer, 38mmx12.5mmx8 mm, to fit cells with 2 mm light path into 10 mm cell holder	Z801240-1EA
Hellma® aluminum spacer, 38mmx12.5mmx5 mm, to fit cells with 5 mm light path into 10 mm cell holder	Z801356-1EA
Hellma® calibration standard, Didymium glass filter, F7, for testing the wavelength accuracy and the photometric accuracy	Z801461-1EA
Hellma® calibration standard, Didymium glass filter, F7A, for testing the photometric accuracy	Z801364-1EA
Hellma® calibration standard, Didymium glass filter, F7W, for testing the wavelength accuracy	Z800929-1EA
Hellma® calibration standard, glass filter set, F1, F2, F3, F4, F0, complete set for photometric accuracy and wavelength accuracy	Z600040-1EA
Hellma® calibration standard, glass filter set, F3, F4, F7, for testing the wavelength accuracy and the photometric accuracy	Z801585-1EA
Hellma® calibration standard, glass filter set, F2, F3, F4, for testing the wavelength accuracy and the photometric accuracy	Z801690-1EA
Hellma® calibration standard, Didymium glass filter, F1, for testing the wavelength accuracy	Z801658-1EA
Hellma® calibration standard, neutral density glass filter, F201, for testing the photometric accuracy	Z801046-1EA
Hellma® calibration standard, neutral density glass filter, F3, for testing the photometric accuracy	Z801879-1EA
Hellma® calibration standard, neutral density glass filter, F4, for testing the photometric accuracy	Z801984-1EA
Hellma® calibration standard, neutral density glass filter, F202, for testing the photometric accuracy	Z801143-1EA
Hellma® calibration standard, neutral density glass filter, F203, for testing the photometric accuracy	Z801259-1EA
Hellma® calibration standard, Neutral Density Glass Filter F2, for testing the photometric accuracy	Z801755-1EA
Hellma® closed screw caps	Z804991-10EA
Hellma® cuvettes, demountable cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 0.5 ± 0.010 mm, chamber volume 130 µL	Z800058-1EA
Hellma® cuvettes, demountable cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 0.1 ± 0.005 mm, chamber volume 26 µL	Z805963-1EA
Hellma® cuvettes for light-scattering measurements, Suprasil® quartz, I.D. 8 mm, limit 200-2500 nm spectral range, chamber volume 2800 µL	Z803200-1EA

* Name	Catalog Number
Hellma® cuvettes for light-scattering measurements, Suprasil® quartz, I.D. 8 mm, limit 200-2500 nm spectral range, chamber volume 2800 µL	Z803316-1EA
Hellma® cuvettes for light-scattering measurements, Suprasil® quartz, I.D. 18 mm, limit 200-2500 nm spectral range, chamber volume 14000 µL	Z803413-1EA
Hellma® cuvettes for reflection measurements, optical glass, limit 360-2500 nm spectral range, chamber volume 12000 µL	Z800384-1EA
Hellma® cuvettes for reflection measurements, (Borofloat), limit 330-2500 nm spectral range, chamber volume 73000 µL	Z800600-1EA
Hellma® cuvettes for reflection measurements, (Borofloat), limit 330-2500 nm spectral range, chamber volume 32000 µL	Z800481-1EA
Hellma® cuvettes for special application, Large cells, optical glass, limit 360-2500 nm spectral range, pathlength 30 ± 0.2 mm, chamber volume 22500 µL	Z805866-1EA
Hellma® cuvettes for special application, Large cells, optical glass, limit 360-2500 nm spectral range, pathlength 10 ± 0.2 mm, chamber volume 20000 µL	Z805319-1EA
Hellma® cuvettes for special application, Large cells, optical glass, limit 360-2500 nm spectral range, pathlength 50 ± 0.5 mm, chamber volume 88000 µL	Z805750-1EA
Hellma® cuvettes for special application, Large cells, optical glass, limit 360-2500 nm spectral range, pathlength 20 ± 0.2 mm, chamber volume 56000 µL	Z805521-1EA
Hellma® cuvettes for special application, Large cells, optical glass, limit 360-2500 nm spectral range, pathlength 20 ± 0.2 mm, chamber volume 40000 µL	Z805424-1EA
Hellma® cuvettes for special application, Large cells, optical glass, limit 360-2500 nm spectral range, pathlength 18 ± 0.2 mm, chamber volume 10000 µL	Z805637-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10 mm, chamber volume 2,800 µL	Z803308-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 20 mm, chamber volume 5,600 µL	Z803405-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 50 mm, chamber volume 14,000 µL	Z803510-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 100 mm, chamber volume 28,000 µL	Z803634-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 0.2 mm, chamber volume 170 µL	Z804444-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 2 mm, chamber volume 560 µL	Z803995-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 0.1 mm, chamber volume 160 µL	Z804320-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 5 mm, chamber volume 1400 µL	Z804118-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 0.5 mm, chamber volume 210 µL	Z804541-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 1 mm, chamber volume 280 µL	Z804657-1EA
Hellma® cylindrical absorption cuvettes, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 1 mm, chamber volume 280 µL	Z803871-1EA
Hellma® empty filter mount for calibration standards	Z802093-1EA
Hellma® FEP tubing set, 500 mm long, outside ø 1.9 mm, inside ø 1.1 mm	Z800155-1EA
Hellma® fluorescence cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 10x10 mm, chamber volume 3300 µL	Z804983-1EA

3: Analytical Applications & Standards

Spectroscopy Consumables

UV/VIS Fluorescence

* Name	Catalog Number
Hellma® fluorescence cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 10x2.5 mm, chamber volume 275 µL	Z805092-1EA
Hellma® fluorescence cuvettes, Micro, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 10x2 mm, chamber volume 400 µL	Z802778-1EA
Hellma® fluorescence cuvettes, Micro, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 10x2 mm, chamber volume 700 µL	Z802875-1EA
Hellma® fluorescence cuvettes, semi Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10x4 mm, chamber volume 1,400 µL	Z600253-1EA
Hellma® fluorescence cuvettes, semi Micro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10x4 mm, chamber volume 1400 µL	Z600768-1EA
Hellma® fluorescence cuvettes, standard cells, Macro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10x10 mm, chamber volume 3,500 µL	Z600172-1EA
Hellma® fluorescence cuvettes, standard cells, Macro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10x10 mm, chamber volume 3,500 µL	Z600717-1EA
Hellma® fluorescence cuvettes, standard cells, Macro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10x10 mm, chamber volume 3,500 µL	Z803073-1EA
Hellma® fluorescence cuvettes, standard cells, Macro, Suprasil® quartz, limit 200-2,500 nm spectral range, pathlength 10x10 mm, chamber volume 3,500 µL	Z803197-1EA
Hellma® fluorescence cuvettes, standard cells, Macro, optical glass, limit 320-2500 nm spectral range, pathlength 10x10 mm, chamber volume 3500 µL	Z802980-1EA
Hellma® fluorescence cuvettes, standard cells, Macro, optical glass, limit 320-2500 nm spectral range, pathlength 10x10 mm, chamber volume 3500 µL	Z803081-1EA
Hellma® fluorescence cuvettes, ultra Micro, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 3x3 mm, chamber volume 45 µL	Z802336-1EA
Hellma® fluorescence cuvettes, ultra Micro, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 3x3 mm, chamber volume 45 µL	Z802433-1EA
Hellma® fluorescence cuvettes, ultra Micro, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 10x2 mm, chamber volume 100 µL	Z802549-1EA
Hellma® fluorescence cuvettes, ultra Micro, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 10x2 mm, chamber volume 100 µL	Z802662-1EA
Hellma® liquid calibration standards, UV5, for testing the wavelength accuracy	Z802328-1EA
Hellma® liquid calibration standards, UV14, for testing the photometric accuracy	Z802034-1EA
Hellma® liquid calibration standards, UV60, for testing the photometric accuracy	Z801801-1EA
Hellma® liquid calibration standards, UV100, for testing the photometric accuracy	Z801917-1EA
Hellma® liquid calibration standards set, UV1, UV12, for testing for stray light acc. to Ph. Eur.	Z802425-1EA
Hellma® liquid calibration standards set, UV1, UV12, UV6, UV9, UV60, UV14, UV5, complete set for testing photometers according to Ph. Eur.	Z802204-1EA
Hellma® liquid calibration standards set, UV6, UV9, for testing the spectral resolution acc. to Ph. Eur.	Z802530-1EA
Hellma® liquid calibration standards set, UV10, UV12, for testing the stray light	Z802360-1EA
Hellma® liquid calibration standards set, UV11, UV12, for testing the stray light	Z802476-1EA
Hellma® liquid calibration standards set, UV20, UV40, UV60, UV80, UV100, UV14, for testing the linearity of the absorption	Z802247-1EA
Hellma® liquid calibration standards set, UV60, UV14, for testing the photometric accuracy	Z802131-1EA
Hellma® liquid calibration standards set, UV60, UV600, UV14, for testing the photometric accuracy	Z802654-1EA
Hellmanex™ III, Special Cleaning Concentrate for cuvettes	Z805939-1EA

* Name	Catalog Number
Hellma® open screw caps	Z804894-10EA
Hellma® PTFE-coated magnetic stir bars	Z805327-10EA
Hellma® PTFE tubing set, 500 mm long, with Omnifit gripper, outside ø 1.6 mm, inside ø 1.0 mm	Z800279-1EA
Hellma® all-quartz cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 5x10 mm, chamber volume 550 µL, 3 in 1: transmission, fluorescence, 2 optical path lengths	Z802239-1EA
Hellma® all-quartz cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 2.5x5 mm, chamber volume 140 µL, 3 in 1: transmission, fluorescence, 2 optical path lengths	Z802352-1EA
Hellma® all-quartz cuvettes, Flow-through cells, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 1.5x3 mm, chamber volume 50 µL, 3 in 1: transmission, fluorescence, 2 optical path lengths	Z802468-1EA
Hellma® reference plate for qualifying microplate readers, to check photometric accuracy	Z800716-1EA
Hellma® reference plate for qualifying microplate readers, to check photometric accuracy and wavelength accuracy	Z800813-1EA
Hellma® replacement silicone rubber seals (septum)	Z805211-10EA
Hellma® replacement silicone rubber seals (septum)	Z805106-10EA
Hellma® SAV-a-CELL plastic cell holder, for 4 cells with 10 mm light path for cleaning purposes	Z801038-1EA
Hellma® TrayCell™, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 0.2 (factor 50) mm ± 0.02 mm x 1.0 (factor 10) mm ± 0.02 mm, chamber volume 0.7-4 µL	Z802573-1EA
Hellma® TrayCell™, Suprasil® quartz, limit 200-2500 nm spectral range, pathlength 0.2 (factor 50) mm ± 0.02 mm x 1.0 (factor 10) mm ± 0.02 mm, chamber volume 0.7-4 µL	Z802697-1EA
Hellma® TrayCell™ cap, pathlength 0.2 (factor 50) mm ± 0.02 mm, chamber volume 0.7-4 µL	Z802905-1EA
Hellma® TrayCell™ cap, pathlength 1 (factor 10) mm ± 0.02 mm, chamber volume 3-5 µL	Z802808-1EA
Hellma® TrayCell™ cap, pathlength 2 (factor 5) mm ± 0.02 mm, chamber volume 6-10 µL	Z803014-1EA
Hellma® TrayCell™ cap, pathlength 0.1 (factor 100) mm ± 0.02 mm, chamber volume 0.7-3 µL	Z803138-1EA
2100AN IS Laboratory Turbidimeter with 860 nm (infrared) LED	Z800562CH-1EA Z800562GB-1EA Z800562-1EA Z800562EU-1EA
2100AN IS Laboratory Turbidimeter with 860 nm (infrared) LED	Z801100-1EA
2100AN Laboratory Turbidimeter with tungsten filament light	Z800449EU-1EA Z800449CH-1EA Z800449GB-1EA Z800449-1EA
2100AN Laboratory Turbidimeter with tungsten filament light	Z800996-1EA
LICO 690 - Spectral colorimeter	Z803529-1EA
Liquid scintillation vials, glass, volume 6 mL, Minivial, vial size 17 mm x 58 mm, with cap, Cap: 13mm urea with metal foil liner., pkg of 1000 ea	M1152-1000EA
Liquid scintillation vials, glass, volume 6 mL, Minivial, vial size 17 mm x 58 mm, with cap, Cap: 15mm urea with metal foil liner., pkg of 1000 ea	M1901-1000EA
Liquid scintillation vials, glass, volume 20 mL, vial size 28 mm x 61 mm, with cap, Cap: 22mm urea with Poly-Seal liner., pkg of 500 ea	V7130-500EA
Liquid scintillation vials, glass, volume 20 mL, vial size 28 mm x 61 mm, with cap, Cap: 22mm urea with Poly-Seal cone liner. (caps packed separately), pkg of 500 ea	V7005-500EA
Liquid scintillation vials, glass, volume 20 mL, vial size 28 mm x 61 mm, with cap, Cap: 22mm urea with metal foil liner. (caps packed separately), pkg of 500 ea	V8255-500EA
Liquid scintillation vials, plastic, volume 6 mL, Minivial, cap size 18 mm, polyethylene without liner, vial size 17 mm x 57 mm, with screw cap, pkg of 1000 ea	M2026-1000EA

* Name	Catalog Number
Liquid scintillation vials, plastic, volume 20 mL, cap size 22 mm , polypropylene with metal foil liner, vial size 27 mm x 61 mm , with cap, pkg of 500 ea	V6880-500EA
Liquid scintillation vials, plastic, volume 20 mL, cap size 24 mm , polyethylene without liner, vial size 27 mm x 61 mm , with cap, pkg of 1000 ea	V6755-1000EA
Sample Cell, Lab Turb, pkg of 6 pieces	Z800678-6EA
Set of test filter for LICO 500/690	Z800236-1EA
Spectrophotometer cuvettes, polystyrene, With stopper	C5677-100EA
Spectrophotometer cuvettes, polystyrene, Without stopper	C5291-100EA
Spectrophotometer cuvettes, polystyrene, Semi-micro without stopper	C5416-100EA
UV Photometric Accuracy Standards, certified reference material	Z804452-1EA
UV quartz cuvette, Micro rectangular, chamber volume 700 µL, PTFE stopper	Z276758-1EA
UV quartz cuvette, Micro rectangular, chamber volume 700 µL, PTFE stopper	Z276723-1EA
UV quartz cuvette, Semi-micro square, chamber volume 1.4 mL, PTFE cover	Z276693-1EA
UV quartz cuvette, Semi-micro square, chamber volume 1.4 mL, PTFE stopper	Z276707-1EA
UV quartz cuvette, Standard rectangular, chamber volume 3.5 mL, PTFE stopper	Z276669-1EA
UV Resolution Standards, certified reference material	Z804568-1EA
UV Spec Qualification Kit, certified reference material	Z804789-1EA
UV Stray Light Standards, certified reference material	Z804665-1EA
Vakuwash®	Z177474-1EA

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

AAS/ICP

Standards for Routine Analytical Applications

AAS/ICP

* Name	Catalog Number
Elemental Impurities according to ICH Q3D oral, Standard 2, TraceCERT®, 10% in hydrochloric acid	73108-100ML
Aluminium Standard for AAS, TraceCERT®, 1000 mg/L Al in nitric acid	39435-250ML
Aluminum Standard for ICP, TraceCERT®, 1000 mg/L Al in nitric acid	61935-100ML-F
Ammonium hydrogenphosphate, matrix modifier solution, ~40 % (w/v) in H ₂ O, 99.999%	428922-100ML
Anion Calibration Standard for MARGA (Metrohm Air Monitoring Instrument), TraceCERT®, 5 anions, 0.25 mg/L in water ((pH ~11))	80124-2L
Antimony Standard for ICP, TraceCERT®, 10'000 mg/L Sb in nitric acid and hydrofluoric acid	91482-100ML
Antimony Standard for AAS, TraceCERT®, 1000 mg/L Sb in nitric acid	94117-250ML
Antimony Standard for ICP, TraceCERT®, 1000 mg/L Sb in nitric acid	73495-100ML
Antimony Standard for ICP-MS, TraceCERT®, 1 mg/L Sb in nitric acid and hydrofluoric acid	89519-100ML
Arsenic Standard for ICP, TraceCERT®, 10'000 mg/L As in nitric acid	67904-100ML
Arsenic Standard for AAS, TraceCERT®, 1000 mg/L As in nitric acid	39436-250ML
Arsenic Standard for ICP-MS, TraceCERT®, 1 mg/L As in nitric acid	75016-100ML
Barium Standard for AAS, TraceCERT®, 1000 mg/L Ba in nitric acid	90092-250ML
Barium Standard for ICP, TraceCERT®, 10'000 mg/L Ba in nitric acid	75187-100ML
Barium Standard for ICP, TraceCERT®, 1000 mg/L Ba in nitric acid	59943-100ML
Barium Standard for ICP-MS, TraceCERT®, 1 mg/L Ba in nitric acid	75017-100ML
Bismuth Standard for AAS, TraceCERT®, 1000 mg/L Bi in nitric acid	76668-250ML
Boron Standard for AAS, TraceCERT®, 1000 mg/L B in H ₂ O	40591-250ML
Boron Standard for ICP, TraceCERT®, 10'000 mg/L B in H ₂ O (with <0.5% ammonium hydroxide)	18822-100ML
Boron Standard for ICP-MS, TraceCERT®, 1 mg/L B in water	41511-100ML
Cadmium Standard for ICP, TraceCERT®, 10'000 mg/L Cd in nitric acid	90006-100ML
Cadmium Standard for AAS, TraceCERT®, 1000 mg/L Cd in nitric acid	51994-250ML
Cadmium Standard for ICP, TraceCERT®, 1000 mg/L Cd in nitric acid	36379-100ML-F
Cadmium Standard for ICP-MS, TraceCERT®, 1 mg/L Cd in nitric acid	12313-100ML
Calcium Standard for ICP, TraceCERT®, 10'000 mg/L Ca in nitric acid	94458-100ML
Calcium standard for AAS, analytical standard, 1.000 g/L Ca ⁺² in hydrochloric acid, traceable to BAM	21049-100ML 21049-500ML
Calcium Standard for AAS, TraceCERT®, 1000 mg/L Ca in nitric acid	69349-250ML
Calcium Standard for ICP, TraceCERT®, 1000 mg/L Ca in nitric acid	19051-100ML-F
Calcium Standard for ICP-MS, TraceCERT®, 1 mg/L Ca in nitric acid	41599-100ML
Cation Calibration Standard for MARGA (Metrohm Air Monitoring Instrument), TraceCERT®, 6 cations, 0.25 mg/L in nitric acid	73638-2L

* Name	Catalog Number
Cerium Standard for AAS, TraceCERT®, 1000 mg/L Ce in nitric acid	53378-250ML
Cerium Standard for ICP, TraceCERT®, 1000 mg/L Ce in nitric acid	16734-100ML
Cesium Standard for ICP, TraceCERT®, 1000 mg/L Cs in nitric acid	96664-100ML
Cesium Standard for AAS, TraceCERT®, 1000 mg/L Cs in nitric acid	67717-250ML
Chromium Standard for ICP, TraceCERT®, 1000 mg/L Cr in nitric acid, prepared with (NH ₄) ₂ Cr ₂ O ₇	68131-100ML-F
Chromium Standard for ICP, TraceCERT®, 1000 mg/L Cr in nitric acid, prepared with Cr(NO ₃) ₃ x 9H ₂ O	74582-100ML
Chromium Standard for ICP, TraceCERT®, 10,000 mg/L Cr in nitric acid	93104-100ML
Chromium Standard for ICP-MS, TraceCERT®, 1 mg/L Cr in nitric acid	72995-100ML
Cobalt Standard for ICP, TraceCERT®, 1000 mg/L Co in nitric acid	30329-100ML-F
Cobalt Standard for ICP-MS, TraceCERT®, 1 mg/L Co in nitric acid	41798-100ML
Copper Standard for ICP, TraceCERT®, 10'000 mg/L Cu in nitric acid	94459-100ML
Copper Standard for AAS, TraceCERT®, 1000 mg/L Cu in nitric acid	38996-250ML
Copper Standard for ICP, TraceCERT®, 1000 mg/L Cu in nitric acid	68921-100ML-F
Copper Standard for ICP-MS, TraceCERT®, 1 mg/L Cu in nitric acid	41621-100ML
Dysprosium Standard for ICP, TraceCERT®, 1000 mg/L Dy in nitric acid	68339-100ML
Elemental Impurities according to ICH Q3D oral, Standard 1, TraceCERT®, 12% in nitric acid	19041-100ML
Elemental Impurities according to ICH Q3D oral, Standard 3, TraceCERT®, 5% in nitric acid and hydrofluoric acid (HF < 0.5%)	69729-100ML
Elemental Impurities according to ICH Q3D parenteral, Standard 1, certified reference material, 12% in nitric acid	89118-100ML
Elemental Impurities according to ICH Q3D parenteral, Standard 2, certified reference material, 10% in hydrochloric acid	89922-100ML
Europium atomic absorption standard solution, analytical standard	207128-100ML
Gallium Standard for AAS, TraceCERT®, 1000 mg/L Ga in nitric acid	52874-100ML
Gallium Standard for ICP, TraceCERT®, 1000 mg/L Ga in nitric acid	16639-100ML
Germanium Standard for ICP	73439-100ML
Germanium Standard for AAS, TraceCERT®, 1000 mg/L Ge in nitric acid	92685-250ML
Gold Standard for ICP, TraceCERT®, 1000 mg/L Au in hydrochloric acid	38168-100ML
Gold Standard for ICP-MS, TraceCERT®, 1 mg/L Au in hydrochloric acid	67363-100ML
Hafnium Standard for AAS, TraceCERT®, 1000 mg/L Hf in nitric acid and hydrofluoric acid	55816-100ML
Indium atomic absorption standard solution, analytical standard, 1,000 µg/mL In in 1 wt. % HNO ₃ (Exact In concentration on label)	207195-100ML
Indium Standard for AAS, TraceCERT®, 1000 mg/L In in nitric acid	42225-100ML
Indium Standard for ICP, TraceCERT®, 10'000 mg/L In in nitric acid	97624-100ML
Indium Standard for ICP-MS, TraceCERT®, 1 mg/L In in nitric acid	56875-100ML
Iridium atomic absorption standard solution, analytical standard, 1,000 µg/mL Ir in 10 wt. % HCl (Exact Ir concentration on label)	207209-100ML
Iridium Standard for ICP	52179-100ML
Iron Standard for AAS, TraceCERT®, 1000 mg/L Fe in nitric acid	16596-250ML

Standards for Routine Analytical Applications

AAS/ICP

* Name	Catalog Number
Iron Standard for ICP, TraceCERT®, 10'000 mg/L Fe in nitric acid	56209-100ML
Iron Standard for ICP, TraceCERT®, 1000 mg/L Fe in nitric acid	43149-100ML-F
Iron Standard for ICP-MS, TraceCERT®, 1 mg/L Fe in nitric acid	68436-100ML
Lanthanum atomic absorption standard solution, analytical standard, 1,000 µg/mL La in 1 wt. % HNO ₃ (Exact La concentration on label)	207225-100ML
Lanthanum(III) oxide, for AAS, ≥99.9%	289205-50G 289205-250G
Lanthanum Standard for AAS, TraceCERT®, 1000 mg/L La in nitric acid	43678-100ML
Lanthanum Standard for ICP, TraceCERT®, 1000 mg/L La in nitric acid	11523-100ML
Lead Standard for ICP, TraceCERT®, 10'000 mg/L Pb in nitric acid	39082-100ML
Lead Standard for AAS, TraceCERT®, 1000 mg/L Pb in nitric acid	16595-250ML
Lead Standard for ICP, TraceCERT®, 1000 mg/L Pb in nitric acid	41318-100ML-F
Lead Standard for ICP-MS, TraceCERT®, 1 mg/L Pb in nitric acid	75015-100ML
Lithium Standard for AAS, TraceCERT®, 1000 mg/L Li in nitric acid	59916-250ML
Lithium Standard for ICP, TraceCERT®, 10'000 mg/L Li in nitric acid	90766-100ML
Lithium Standard for ICP, TraceCERT®, 1000 mg/L Li in nitric acid	12292-100ML
Lithium Standard for ICP-MS, TraceCERT®, 1 mg/L Li in nitric acid	39185-100ML
Magnesium Standard for ICP, TraceCERT®, 10'000 mg/L Mg in nitric acid	80759-100ML
Magnesium matrix modifier, for graphite furnace-AAS	63043-50ML-F
Magnesium Standard for AAS, TraceCERT®, 1000 mg/L Mg in nitric acid	42992-250ML
Magnesium Standard for ICP, TraceCERT®, 1000 mg/L Mg in nitric acid	30083-100ML-F
Magnesium Standard for ICP-MS, TraceCERT®, 1 mg/L Mg in nitric acid	53906-100ML
Manganese Standard for ICP, TraceCERT®, 10'000 mg/L Mn in nitric acid	42071-100ML
Manganese AA/ICP calibration/check standard for environmental analysis, analytical standard, 1,000 µg/mL Mn ⁺² in 2% HNO ₃ (Exact Mn concentration on label)	404020-100ML
Manganese Standard for AAS, TraceCERT®, 1000 mg/L Mn in nitric acid	77036-250ML
Manganese Standard for ICP, TraceCERT®, 1000 mg/L Mn in nitric acid	74128-100ML
Manganese Standard for ICP-MS, TraceCERT®, 1 mg/L Mn in nitric acid	42058-100ML
Mercury Standard for AAS, TraceCERT®, 1000 mg/L Hg in nitric acid	16482-100ML
Mercury Standard for ICP, TraceCERT®, 10'000 mg/L Hg in nitric acid	75111-100ML
Mercury Standard for ICP, TraceCERT®, 1000 mg/L Hg in nitric acid	28941-100ML-F
Molybdenum Standard for AAS, TraceCERT®, 1000 mg/L Mo in hydrochloric acid	67210-250ML
Molybdenum Standard for ICP, TraceCERT®, 1000 mg/L Mo in hydrochloric acid	68780-100ML
Multielement standard solution 1 for ICP, TraceCERT®, in 10% nitric acid	90243-100ML
Multielement standard solution 3 for ICP, TraceCERT®, in 5% nitric acid	49596-100ML
Multielement standard solution 4 for ICP, TraceCERT®, in 10% nitric acid	51844-100ML
Multielement standard solution 5 for ICP, TraceCERT®, in 10% nitric acid	54704-100ML

* Name	Catalog Number
Multielement Standard Solution 6 for ICP, TraceCERT®, 23 elements, 100 mg/L each in nitric acid and hydrofluoric acid	43843-100ML
Multielement Standard Solution for JMHW, TraceCERT®, ICP Standard for the Determination of Uranium in Drinking Water, in 5% nitric acid and ≤0.1% hydrofluoric acid	61344-100ML
Nickel Standard for ICP, TraceCERT®, 10'000 mg/L Ni in nitric acid	19013-100ML
Nickel matrix modifier solution, 5% Ni in 1 wt. % HNO ₃ , 99.999%	428906-100ML
Nickel Standard for AAS, TraceCERT®, 1000 mg/L Ni in nitric acid	42242-250ML
Nickel Standard for ICP, TraceCERT®, 1000 mg/L Ni in nitric acid	28944-100ML-F
Nickel Standard for ICP-MS, TraceCERT®, 1 mg/L Ni in nitric acid	72631-100ML
Niobium Standard for ICP, TraceCERT®, 1000 mg/L Nb in nitric acid	67913-100ML
Palladium Standard for ICP, TraceCERT®, 10'000 mg/L Pd in hydrochloric acid	50719-100ML
Palladium atomic absorption standard solution, analytical standard, 1,000 µg/mL Pd in 5% HCl (Exact Pd concentration on label)	207349-100ML 207349-500ML
Palladium ICP/DCP standard solution, analytical standard, 10000 µg/mL Pd in 6 wt. % HCl (Exact Pd concentration on label)	356425-100ML
Palladium Matrix Modifier, for graphite furnace-AAS	76040-50ML
Palladium Standard for AAS, TraceCERT®, 1000 mg/L Pd in hydrochloric acid	78437-100ML
Palladium Standard for ICP, TraceCERT®, 1000 mg/L Pd in hydrochloric acid	77091-100ML
Palladium Standard for ICP-MS, TraceCERT®, 1 mg/L Pd in nitric acid	42396-100ML
Phosphorus Standard for ICP, TraceCERT®, 10'000 mg/L P in H ₂ O	19916-100ML
Phosphorus Standard for AAS, TraceCERT®, 1000 mg/L P in H ₂ O	51474-250ML
Phosphorus Standard for ICP, TraceCERT®, 1000 mg/L P in H ₂ O	38338-100ML
Phosphorus Standard for ICP-MS, TraceCERT®, 1 mg/L P in water	93674-100ML
Platinum Standard for AAS, TraceCERT®, 1000 mg/L Pt in hydrochloric acid	47037-100ML
Platinum Standard for ICP, TraceCERT®, 10'000 mg/L Pt in hydrochloric acid	74554-100ML
Platinum Standard for ICP, TraceCERT®, 1000 mg/L Pt in hydrochloric acid	19078-100ML
Platinum Standard for ICP-MS, TraceCERT®, 1 mg/L Pt in hydrochloric acid	49763-100ML
Potassium Standard for ICP, TraceCERT®, 10'000 mg/L K in nitric acid	68371-100ML
Potassium Standard for AAS, TraceCERT®, 1000 mg/L K in nitric acid	96665-250ML
Potassium Standard for ICP-MS, TraceCERT®, 1 mg/L K in nitric acid	30937-100ML
Praseodymium Standard for ICP, TraceCERT®, 1000 mg/L Pr in nitric acid	59947-100ML
Rhenium Standard for ICP, TraceCERT®, 1000 mg/L Re in nitric acid	39957-100ML
Rhenium standard for AAS, analytical standard, ready-to-use, in nitric acid	83672-100ML
Rhenium standard for AAS, TraceCERT®, 1000 mg/L Re in nitric acid	83787-100ML
Rhodium atomic absorption standard solution, analytical standard, 1,000 µg/mL Rh in 5% HCl (Exact Rh concentration on label)	207411-100ML
Rhodium Standard for AAS, TraceCERT®, 1000 mg/L Rh in hydrochloric acid	11561-100ML
Rubidium Standard for AAS, TraceCERT®, 1000 mg/L Rb in nitric acid	55727-100ML

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

AAS/ICP

* Name	Catalog Number
Ruthenium atomic absorption standard solution, analytical standard, 1,000 µg/mL Ru in 5% HCl (Exact Ru concentration on label)	207446-100ML
Ruthenium standard for AAS, analytical standard, ready-to-use, in hydrochloric acid	84033-100ML
Ruthenium Standard for AAS	41543-100ML
Ruthenium Standard for ICP	36467-100ML
Scandium atomic absorption standard solution, analytical standard, 1,000 µg/mL Sc in 1 wt. % HNO ₃ (Exact Sc concentration on label)	207462-500ML
Scandium Standard for AAS, TraceCERT®, 1000 mg/L Sc in nitric acid	68418-100ML
Scandium Standard for ICP, TraceCERT®, 10'000 mg/L Sc in nitric acid	92504-100ML
Scandium Standard for ICP, TraceCERT®, 1000 mg/L Sc in nitric acid	92279-100ML
Scandium Standard for ICP-MS, TraceCERT®, 1 mg/L Sc in nitric acid	67464-100ML
Selenium Standard for AAS, TraceCERT®, 1000 mg/L Se in nitric acid	89498-250ML
Selenium Standard for ICP, TraceCERT®, 10'000 mg/L Se in nitric acid	98838-100ML
Selenium Standard for ICP, TraceCERT®, 1000 mg/L Se in nitric acid	50002-100ML
Selenium Standard for ICP-MS, TraceCERT®, 1 mg/L Se in nitric acid	56544-100ML
Silicon Standard for AAS, TraceCERT®, 1000 mg/L Si in NaOH	16259-250ML
Silicon Standard for ICP, TraceCERT®, 1000 mg/L Si in NaOH	15747-100ML
Silver Standard for AAS, TraceCERT®, 1000 mg/L Ag in nitric acid	39361-250ML
Silver Standard for ICP, TraceCERT®, 10'000 mg/L Ag in nitric acid	91543-100ML
Silver Standard for ICP, TraceCERT®, 1000 mg/L Ag in nitric acid	12818-100ML
Silver Standard for ICP-MS, TraceCERT®, 1 mg/L Ag in nitric acid	69389-100ML
Sodium Standard for ICP-MS, TraceCERT®, 1 mg/L Na in nitric acid	80831-100ML
Strontium Standard for AAS, TraceCERT®, 1000 mg/L Sr in nitric acid	51287-250ML
Strontium Standard for ICP, TraceCERT®, 1000 mg/L Sr in nitric acid	75267-100ML
Strontium Standard for ICP-MS, TraceCERT®, 1 mg/L Sr in nitric acid	96672-100ML
Sulfate Standard for IC, TraceCERT®, 10'000 mg/L sulfate in water	79735-100ML
Sulfate Sulfur Standard for IC, TraceCERT®, 1000 mg/L S as sulfate in water	75306-100ML
Sulfur Standard for ICP, TraceCERT®, 10'000 mg/L S in H ₂ O	94430-100ML
Sulfur Standard for AAS, TraceCERT®, 1000 mg/L S in H ₂ O	18020-250ML
Sulfur Standard for ICP, TraceCERT®, 1000 mg/L S in H ₂ O	18021-100ML
Sulfur Standard for ICP-MS, TraceCERT®, 1 mg/L S in water	68356-100ML
Tantalum Standard for AAS, TraceCERT®, 1000 mg/L Ta in nitric acid and hydrofluoric acid	40413-100ML
Tantalum Standard for ICP, TraceCERT®, 1000 mg/L Ta in nitric acid and hydrofluoric acid	16641-100ML
Tellurium Standard for AAS, TraceCERT®, 1000 mg/L Te in nitric acid and hydrofluoric acid	92027-250ML
Tellurium Standard for ICP, TraceCERT®, 1000 mg/L Te in nitric acid and hydrofluoric acid	78358-100ML
Terbium Standard for ICP, TraceCERT®, 1000 mg/L Tb in nitric acid	44881-100ML
Tin Standard for ICP, TraceCERT®, 10'000 mg/L Sn in nitric acid and hydrofluoric acid	42991-100ML

* Name	Catalog Number
Tin(II) chloride dihydrate, for AAS	96527-50G 96527-250G
Tin Standard for AAS, TraceCERT®, 1000 mg/L Sn in hydrochloric acid	74244-250ML
Tin Standard for ICP, TraceCERT®, 1000 mg/L Sn in hydrochloric acid	92615-100ML
Tin Standard for ICP-MS, TraceCERT®, 1 mg/L Sn in nitric acid and hydrofluoric acid	63564-100ML
Titanium Standard for ICP, TraceCERT®, 10'000 mg/L Ti in nitric acid and hydrofluoric acid	44973-100ML
Titanium atomic absorption standard solution, analytical standard, 1,000 µg/mL Ti in H ₂ O (Exact Ti concentration on label)	274933-100ML 274933-500ML
Titanium Standard for ICP, TraceCERT®, 1000 mg/L Ti in nitric acid	12237-100ML
Titanium Standard for ICP-MS, TraceCERT®, 1 mg/L Ti in nitric acid and hydrofluoric acid	44266-100ML
Tungsten Standard for ICP, TraceCERT®, 10000 mg/L W in nitric acid and hydrofluoric acid	50938-100ML
Tungsten Standard for ICP, TraceCERT®, 1000 mg/L W in nitric acid and hydrofluoric acid	50334-100ML
Tungsten Standard for AAS, TraceCERT®, 1000 mg/L W in nitric acid and hydrofluoric acid	53465-100ML
Vanadium Standard for ICP, TraceCERT®, 10000 mg/L V in nitric acid	44712-100ML
Vanadium Standard for ICP, TraceCERT®, 1000 mg/L V in nitric acid	18399-100ML
Vanadium Standard for ICP-MS, TraceCERT®, 1 mg/L V in nitric acid	75593-100ML
Ytterbium atomic absorption standard solution, analytical standard, 1,000 µg/mL Yb in 1 wt. % HNO ₃ (Exact Yb concentration on label)	207640-100ML
Ytterbium Standard for ICP, TraceCERT®, 1000 mg/L Yb in nitric acid	39956-100ML
Yttrium ICP/DCP standard solution, analytical standard, 10,000 µg/mL Y in 3 wt. % HNO ₃ (Exact Y concentration on label)	356735-100ML
Yttrium Standard for AAS, TraceCERT®, 1000 mg/L Y in nitric acid	40423-250ML
Yttrium Standard for ICP-MS, TraceCERT®, 1 mg/L Y in nitric acid	75592-100ML
Zinc Standard for ICP, TraceCERT®, 10'000 mg/L Zn in nitric acid	68961-100ML
Zinc Standard for AAS, TraceCERT®, 1000 mg/L Zn in nitric acid	18827-250ML
Zinc Standard for ICP, TraceCERT®, 1000 mg/L Zn in nitric acid	18562-100ML-F
Zinc Standard for ICP-MS, TraceCERT®, 1 mg/L Zn in nitric acid	75594-100ML
Zirconium Standard for ICP, TraceCERT®, 10'000 mg/L Zr in nitric acid and hydrofluoric acid	51971-100ML
Zirconium Standard for ICP, TraceCERT®, 1000 mg/L Zr in nitric acid and hydrofluoric acid	51244-100ML

Chromatography & CE Test Mixes

* Name	Catalog Number
Acidity Test Mix, 0.05% each component in methylene chloride, analytical standard	48255-U
Amide Test Mixture, in acetonitrile: water (1:1) (varied conc.), analytical standard	47084-U
2-(Bromomethyl)tetra-2H-pyran, 5000 µg/mL in ethanol: isopropanol (95:5), analytical standard	90005AST
C4 - C24 Even Carbon Saturated FAMES, 1000 µg/mL each component in hexane, analytical standard	49453-U
C7 - C40 Saturated Alkane Mixture, certified reference material, 1000 µg/mL each component in hexane	49452-U
Carbowax® Amine Test Mix, 500 µg/mL each component in methyl <i>tert</i> -butyl ether, analytical standard	48278

Standards for Routine Analytical Applications
Chromatography & CE Test Mixes

* Name	Catalog Number
Chiral Normal Phase Test Mix, certified reference material, 30 µg/mL each component in hexane	40119-U
Chiral Test Mix for Astec® CHIROBIOTIC®, analytical standard	40095-U
α-DEX™ 120 Column Test Mix, 500 µg/mL each component in methylene chloride, analytical standard	48013
β-DEX™ 120 Column Test Mix, 500 µg/mL each component in methylene chloride, analytical standard	48028
3,4-Dihydro-2-ethoxy-2H-pyran, analytical standard, 5000 µg/mL in ethanol: isopropanol (95:5)	90006AST
Equity® / SPB® Thick Film Test Mix II, 500 µg/mL each component in methylene chloride, analytical standard	48275-U
Equity® / SPB® Thin Film Test Mix I, 500 µg/mL each component in cyclohexane, analytical standard	48273
F.A.M.E. Column Evaluation Mix, certified reference material, 1000 µg/mL each component in methylene chloride	47088-U
cis/trans F.A.M.E Column Performance Mix, 2.5 mg/mL in dichloromethane, ampule of 1 mL	40495-U
Fatty Acid Ethyl Esters (FAEES), C4 - C24 Even Carbon Saturated, certified reference material, 1000 µg/mL each component in hexane	49454-U
Herbicides Mix 1, 100 µg/mL each component in ethyl acetate, analytical standard	49136
Herbicides Mix 2, certified reference material, 100 µg/mL in ethyl acetate	49138-U
HPLC Gradient System Diagnostics Mix, certified reference material, in methanol: water (3:2) (varied conc.)	48271
HPLC Isocratic Systems Diagnostics Mix, certified reference material, in methanol: water (3:2) (varied conc.)	48270-U
Hydrocarbon Test Mix, certified reference material, in chloroform (varied conc.)	48244
Intermediate Polar Column Test Mix, certified reference material, 500 µg/mL in methylene chloride	47301
Isothermal Test Mix Kit, analytical standard	47303
LC-CN/LC-PCN Test Mix, certified reference material, in acetonitrile: water (varied conc.), solution	58299
LC-NH ₂ Test Mix, in acetonitrile: water (25:75), analytical standard	58424
Nonpolar Column Test Mix, certified reference material, 500 µg/mL in methylene chloride	47300-U
Normal Phase Mix 2, 1000 µg/mL each component in ethanol: hexane (05:95), analytical standard	47640-U
Normal Phase Test Mix, in methylene chloride (varied conc.), analytical standard	58281
Nucleosides Test Mix, in 1% sodium formate (varied conc.), analytical standard	47310-U
Omegawax® Column Test Mix, 50 µg/mL in hexane, analytical standard	48476
1-Phenyl-1-ethanol, 5000 µg/mL in ethanol: isopropanol (95:5), analytical standard	90007AST
Polar Column Test Mix, certified reference material, 500 µg/mL each component in dichloromethane	47302
Programmed Test Mix, certified reference material, in methylene chloride (varied conc.)	47304
Reversed Phase Test Mix 1, certified reference material, in methanol: water (3:2) (varied conc.)	58278
Reversed Phase Test Mix 2, certified reference material, in acetonitrile: water (varied conc.), solution	47641-U
C7 - C30 Saturated Alkanes, 1000 µg/mL each component in hexane, analytical standard	49451-U
SPB®-50 Column Test Mix, 500 µg/mL each component in methylene chloride, analytical standard	48280-U
SPME Performance Evaluation Mix, 1 µg/mL each component in deionized water: methanol (99:1), analytical standard	44981-U
2-(N-TFA)aminoheptane, 5000 µg/mL in ethanol: isopropanol (95:5), analytical standard	90003AST

* Name	Catalog Number
1-(N-TFA)aminoindan, 5000 µg/mL in ethanol: isopropanol (95:5), analytical standard	90004AST
1-(N-TFA)-2-Methylpiperidine, 5000 µg/mL in ethanol: isopropanol (95:5), analytical standard	90002AST

Color Reference Solutions

* Name	Catalog Number
Color Reference Solution acc. to APHA, analytical standard, set of 20 × 2 mL 20 standard solutions	72599-1SET-F
Color Reference Solution acc. to APHA, analytical standard, set of 20 × 10 mL 20 standard solutions	77147-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors B	92936-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors B	83951-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors B, BY, Y, GY, R	90232-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors B, BY, Y, GY, R	83952-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors BY	72666-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors BY	86293-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors GY	90269-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors GY	82995-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors R	95872-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors R	87448-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors Y	83967-1SET-F
Color Reference Solutions acc. to Ph Eur, analytical standard, Set of colors Y	83883-1SET-F
Color Reference Solutions acc. to USP, analytical standard, set of 20 × 2 mL (20 standard solution)	87576-1SET-F
Color Reference Solutions acc. to USP, analytical standard, set of 20 × 10 mL (20 standard solutions)	87574-1SET-F
Sigma-Aldrich Color Chart, analytical standard	91711-1EA

Conductivity Standards

* Name	Catalog Number
Conductivity Standard, conductivity 300 µS/cm at 25 °C	56890-500ML
Conductivity Standard, conductivity 400 µS/cm at 25 °C	41303-500ML
Conductivity Standard, conductivity 2000 µS/cm at 25 °C	51795-500ML
Conductivity Standard, conductivity 3000 µS/cm at 25 °C	44348-500ML
Conductivity Standard, conductivity 5000 µS/cm at 25 °C	59962-500ML
Conductivity Standard, conductivity 10000 µS/cm at 25 °C	67233-500ML
Conductivity Standard, conductivity 20000 µS/cm at 25 °C	51715-500ML
Conductivity Standard, conductivity 30000 µS/cm at 25 °C	91916-500ML
Conductivity Standard, conductivity 50000 µS/cm at 25 °C	56255-500ML
Conductivity Standard, conductivity 80000 µS/cm at 25 °C	41702-500ML
Conductivity Standard, conductivity 100000 µS/cm at 25 °C	59777-500ML

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Conductivity Standards

* Name	Catalog Number
Conductivity Standard, conductivity 150000 µS/cm at 25 °C	64181-500ML
Conductivity Standard, conductivity 300000 µS/cm at 25 °C	66337-500ML
Conductivity Standard, conductivity 350000 µS/cm at 25 °C	69038-500ML
Conductivity Standard, conductivity 500000 µS/cm at 25 °C	55898-500ML
Potassium chloride solution, conductance standard A acc. to ISO 7888, 0.1 M KCl	60134-250ML-F
Potassium chloride solution, conductance standard B acc. to ISO 7888, 0.01 M KCl	60136-250ML
Potassium chloride solution, conductance standard C acc. to ISO 7888, 0.001 M KCl	60138-250ML

* Name	Catalog Number
<i>N,N'</i> -(2-Methyl-1,3-phenylene)bis(4-(2-pyridinyl)-1-piperazinecarboxamide) (derivative of 2,6-TDIP), certified reference material, 1000 µg/mL in DMSO	48144
<i>N,N'</i> -(4-Methyl-1,3-phenylene)bis(4-(2-pyridinyl)-1-piperazinecarboxamide) (derivative of 2,4-TDIP), certified reference material, 1000 µg/mL in DMSO	48145
Nonanal 2,4-dinitrophenylhydrazone, analytical standard	33851-100MG
Octanal 2,4-dinitrophenylhydrazone, analytical standard	33849-100MG
Propionaldehyde-2,4-DNPH, analytical standard	442768
Propionaldehyde O-pentafluorophenylmethyl-oxime, analytical standard	43508-10MG
Pyridine-2-Aldehyde-DNPH Standard, in acetonitrile (aldehyde, equivalent), analytical standard	40117-U
2,3,4,5-Tetrachloroaniline solution, 100 µg/mL in acetonitrile, analytical standard	33657-10ML-R
<i>o</i> -Tolualdehyde-2,4-DNPH, analytical standard	442722
<i>p</i> -Tolualdehyde-2,4-DNPH, (aldehyde, equivalent), analytical standard	442735
1,1,2-Trichloro-1,2,2-trifluoroethane, analytical standard, 2000 µg/mL in methanol	457944
<i>o,o,o</i> -Trifluorotoluene solution, certified reference material, 10,000 µg/mL in methanol	47582-U
Valeraldehyde-2,4-DNPH, analytical standard	442834

Environmental Standards

Air Monitoring

* Name	Catalog Number
Acetaldehyde-2,4-DNPH, analytical standard	442434
Acetone-2,4-DNPH, analytical standard	442436
Acrolein-2,4-DNPH, analytical standard	442441
Acrolein O-pentafluorophenylmethyl-oxime, analytical standard	65819-10MG 65819-50MG
Benzaldehyde-2,4-DNPH, analytical standard	442469
2-Butanone-2,4-dinitrophenylhydrazone, analytical standard	442339
Butyraldehyde-2,4-DNPH, analytical standard	442504
CARB Method 1004 DNPH Mix 1, certified reference material, 3 µg/mL in acetonitrile (as aldehydes & ketones)	47650-U
52 Component Indoor Air Standard, certified reference material, 100 µg/mL each component in methanol	47537-U
Crotonaldehyde-2,4-DNPH, analytical standard	442529
Cyclohexanone-2,4-DNPH, analytical standard	442533
Decanal 2,4-dinitrophenylhydrazone, analytical standard	33852-100MG
2,5-Dimethylbenzaldehyde-2,4-DNPH, analytical standard	442321-U
EPA TO-1 Toxic Organic Mix 1A, certified reference material, 2 mg/mL each component in methanol	48896
EPA TO-1 Toxic Organic Mix 1B, 2 mg/mL each component in methanol, analytical standard	48897
EPA Toxic Organic Mix 2A, 2 mg/mL each component in methanol, analytical standard	48898
Formaldehyde-2,4-DNPH, analytical standard	442597
Formaldehyde Oxazolidine solution, certified reference material, 2000 µg/mL in toluene	48414
Formaldehyde O-pentafluorophenylmethyl-oxime, analytical standard	41558-10MG 41558-50MG
Heptanal 2,4-dinitrophenylhydrazone, analytical standard	33848-100MG
Hexaldehyde-2,4-DNPH, analytical standard	442614
<i>N,N'</i> -1,6-Hexanedylbis(4-(2-pyridinyl)-1-piperazinecarboxamide) solution (derivative of 1,6-HDIP), certified reference material, 1000 µg/mL in DMSO	48146
Indoor Air Standard, 50 components, certified reference material, 100 µg/mL each component in methanol: water (19:1)	49148-U
Indoor Air Standard, 50 components, certified reference material, 100 µg/mL each component in methanol: water (19:1)	4M9148-U
Methacrolein-2,4-DNPH, analytical standard	442639
<i>N,N'</i> -(Methylenediphenylene)bis(4-(2-pyridinyl)-1-piperazinecarboxamide) (derivative of 4,4'-MDIP), certified reference material, 1000 µg/mL in DMSO	48147

Drinking Water

* Name	Catalog Number
Acetochlor ESA sodium salt, PESTANAL®, analytical standard	34145-10MG
Acetochlor OA, PESTANAL®, analytical standard	34144-10MG
524.2 Add-On Mix, analytical standard, in methanol (varied), ampule of 1 mL	861314
Alachlor ESA sodium salt, PESTANAL®, analytical standard	34147-10MG
Alachlor OA, PESTANAL®, analytical standard	34146-10MG
2-Bromobutyric acid solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	44928-U
Butachlor ESA sodium salt, analytical standard	34211-10MG-R
Chlordane (mixture of isomers), certified reference material, 500 µg/mL in methanol	48881
1,4-Dioxane- <i>d</i> ₈ , certified reference material, 2000 µg/mL in methanol, ampule of 5 × 1 mL	4M4829-U
EPA 502/524.2 VOC Mix, 200 µg/mL each component in methanol, analytical standard	47932
EPA 502/524 Volatiles Organic Calibration Mix A (without gases), 2000 µg/mL each component in methanol, analytical standard	502111
EPA 502 Internal Standard Mix, certified reference material, 2000 µg/mL each component in methanol	48950-U
EPA 503.1 Volatiles Mix, 2000 µg/mL each component in methanol, analytical standard	48237
EPA 504.1 Calibration Solution, certified reference material, 2000 µg/mL each component in methanol	49119-U
EPA 505/525 Pesticides Mix A, 500 µg/mL each component in acetone, analytical standard	47725-U
EPA 505/525 Pesticides Mix B, 500 µg/mL each component in acetone, analytical standard	47726-U
EPA 505/525 Update Pesticides Mix A, certified reference material, 500 µg/mL each component in acetone	47727-U
EPA 505/525 Update Pesticides Mix B, certified reference material, 500 µg/mL each component in acetone	47728-U
EPA 506 Phthalate Esters Mix 1, certified reference material, 500 µg/mL each component in methanol	48223
EPA 506 Phthalate Mix (7 component), certified reference material, 1000 µg/mL each component in isoctane	40077-U

Standards for Routine Analytical Applications

Environmental Standards: Drinking Water

* Name	Catalog Number
EPA 508.1 Herbicides Mix, certified reference material, 1000 µg/mL each component in acetone	502154
EPA 508/508.1 Pesticide Mix, 1000 µg/mL each component in methyl <i>tert</i> -butyl ether, analytical standard	502197
EPA 521 Nitrosamine Mix, certified reference material, 2000 µg/mL each component in methylene chloride	40035-U
EPA 524.2 Fortification Solution, certified reference material, 2000 µg/mL each component in methanol	47358-U
EPA 524.2 Rev. 4 Ketone Mix, certified reference material, 2000 µg/mL in methanol: water (9:1)	457428-U
EPA 524.2 Rev 4 Update Ketones Mix, certified reference material, 200 µg/mL each component in methanol: water (9:1)	47573-U
EPA 524.2 Rev 4 Update Ketones Mix, certified reference material, 2000 µg/mL in methanol: water (9:1)	47428-U
EPA 524.2 Rev 4 Update Mix, 2000 µg/mL in methanol, analytical standard	47427-U
EPA 524 Calibration Standards Kit, analytical standard	47936
EPA 524 Internal Standard Mix, certified reference material, 2000 µg/mL each component in methanol	48948
EPA 524 Revision 4 Calibration Kit, analytical standard	47438-U
EPA 524 Rev 4 Update Mix, 200 µg/mL each component in methanol, analytical standard	506524
EPA 524 Surrogate Standard Mix, certified reference material, 2000 µg/mL each component in methanol	48466
EPA 524 VOC Mix B, 200 µg/mL each component in methanol, analytical standard	47934
EPA 525,525.1 Internal Standard Mix, certified reference material, 500 µg/mL each component in acetone	48242
EPA 525, 525.1 PCB Mix, certified reference material, 500 µg/mL each component in hexane	48246
EPA 525 Fortification Solution A, certified reference material, 2000 µg/mL each component in methylene chloride	48230-U
EPA 525 Fortification Solution B, certified reference material, 500 µg/mL each component in acetone	48099
EPA 525 PAH Mix A, certified reference material, 500 µg/mL each component in methylene chloride	48953-U
EPA 525 PAH Mix B, certified reference material, 500 µg/mL each component in acetone	48249
EPA 525 Semivolatiles Calibration Mix without Pesticides, 1000 µg/mL each component in acetone (except where noted), analytical standard	506540
EPA 525 Update Phthalate Esters Mix, certified reference material, 500 µg/mL each component in methanol	47973
EPA 531.1 Carbamate Mix, 100 µg/mL each component in methanol, analytical standard	46856-U
EPA 547 Glyphosate Solution, certified reference material, 1000 µg/mL in H ₂ O	44690-U
EPA 551A Halogenated Volatiles Mix, certified reference material, 2000 µg/mL each component in acetone	48045
EPA 552.1 Acids Calibration Mix with Surrogate, certified reference material, in methyl <i>tert</i> -butyl ether (varied)	47652-U
EPA 552.2 Acids Calib Mix with Surrogate, certified reference material, in methyl <i>tert</i> -butyl ether (varied)	47629-U
EPA 552.2 Esters Calibration Mix (without Dalapon), in methyl <i>tert</i> -butyl ether (varied), analytical standard	47788
EPA 552.2 Haloacetic Acids Mix, certified reference material, 2000 µg/mL each component in methyl <i>tert</i> -butyl ether	49107-U
EPA 552.2 Methyl Ester Calibration Mix w/Surrogate, certified reference material, in methyl <i>tert</i> -butyl ether (varied)	47630-U
EPA 552 Halogenated Acetic Acids Mix, certified reference material, 2000 µg/mL each component in methyl <i>tert</i> -butyl ether	48047

* Name	Catalog Number
EPA 552 Methyl Esters Mix, certified reference material, 1000 µg/mL each component in methyl <i>tert</i> -butyl ether	47598-U
EPA 624 Calibration Mix 1, analytical standard	32817-1ML
EPA Phase V Volatile Organic Compounds Mix 9, 2000 µg/mL each component in methanol, analytical standard	47399
EPA VOC Mix 6, 2000 µg/mL each component in methanol, analytical standard	48799-U
EPA VOC Mix 6, 2000 µg/mL each component in methanol, analytical standard	32814-1ML
EPA VOC Mix 7, certified reference material, 2000 µg/mL each component in methanol, ampule of 1 mL	48802-U
EPA VOC Mix 7, 2000 µg/mL each component in methanol, ampule of 1 × 1 mL	458802
EPA VOC Mix 8, certified reference material, 2000 µg/mL each component in methanol	48803
Flufenacet ESA sodium salt, PESTANAL®, analytical standard	34154-10MG
(±)-Geosmin solution, certified reference material, 100 µg/mL in methanol	4M7522-U
2-Isobutyl-3-methoxypyrazine solution, certified reference material, 100 µg/mL in methanol	47528-U
2-Isopropyl-3-methoxypyrazine solution, certified reference material, 100 µg/mL in methanol	47527-U
JMHW VOC Mix, 1000 µg/mL in methanol, analytical standard	47938
JMHW VOC Mix A, 1000 µg/mL in methanol, analytical standard	47893
KDWR Pesticides Kit, 1000 µg/mL each component in methanol, analytical standard	47627-U
KDWR VOC Mix B, certified reference material, 100 µg/mL each component in methanol, ampule of 5 ea (~1 mL each)	506583
Leucocrystal Violet-d ₆ , analytical standard	32834-10MG
Methyl 2-bromobutyrate solution, analytical standard, 1000 µg/mL in methyl <i>tert</i> -butyl ether	44929-U
Metolachlor OA, PESTANAL®, analytical standard	34148-10MG
Propachlor ESA sodium salt, PESTANAL®, analytical standard	34152-10MG
2,4,6-Trichloroanisole solution, certified reference material, 100 µg/mL in methanol	47526-U
EPA VOC Calibration Standards Kit, analytical standard	48804
EPA VOC Calibration Standards Kit, analytical standard	4S8804

Gas

* Name	Catalog Number
Air, Zero (THC <1ppm), aerosol can of 4 L, analytical standard	501212
Air, Zero (THC <1ppm), cylinder of 14 L, analytical standard	501220
Air, Zero (THC <1ppm), cylinder of 48 L, analytical standard	501239
C ₂ -C ₄ Alkynes, 15 ppm each component in nitrogen, aerosol can of 4 L, analytical standard	22508
Argon (99.995%), aerosol can of 4 L, analytical standard	501247
Argon (99.995%), cylinder of 14 L, analytical standard	501255
Benzene in air, 1 ppm, cylinder of 48 L, analytical standard	303402-U
Benzene in air, 100 ppm, cylinder of 48 L, analytical standard	303404
Branched paraffins, 15 ppm each component in nitrogen, cylinder of 14 L, analytical standard	23445
BTEX Mix in nitrogen, 10 ppm each component in nitrogen, cylinder of 48 L, analytical standard	501883
BTEX Mix in nitrogen, 10 ppm each component in nitrogen, cylinder of 74 L, analytical standard	25884-U

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Gas

* Name	Catalog Number
1,3-Butadiene in nitrogen, 10 ppm, cylinder of 14 L, analytical standard	303405
1,3-Butadiene in nitrogen, 10 ppm, cylinder of 48 L, analytical standard	303406
Butanes Butenes Butynes, analytical standard	22567
Butanes Butenes Butynes, 15 ppm each component in nitrogen, cylinder of 48 L, analytical standard	23471
Calorimetric Natural Gas Reference Standard, cylinder of 14 L, analytical standard	303101
Carbon dioxide (99.8%), cylinder of 14 L, analytical standard	23402
Carbon dioxide (99.8%), cylinder of 48 L, analytical standard	501298
Carbon Dioxide (1%) and Oxygen (20%) in Nitrogen, cylinder of 14 L, analytical standard	23441
Carbon Dioxide (1%) and Oxygen (20%) in Nitrogen, cylinder of 48 L, analytical standard	501638
Carbon dioxide in helium, 100 ppm, cylinder of 14 L, analytical standard	308200
Carbon dioxide in nitrogen, 100 ppm, cylinder of 14 L, analytical standard	308300
Carbon dioxide in nitrogen, 100 ppm, cylinder of 48 L, analytical standard	501301
Carbon dioxide in nitrogen, 1000 ppm, cylinder of 14 L, analytical standard	501336
Carbon dioxide in nitrogen, 1000 ppm, cylinder of 48 L, analytical standard	501344
Carbon Monoxide (7%), Carbon Dioxide(15%), and Oxygen (5%), in nitrogen, cylinder of 14 L, analytical standard	23442
Carbon Monoxide, Carbon Dioxide, Hydrogen and Oxygen, 0.5 % (w/w) each component in nitrogen, cylinder of 14 L, analytical standard	23438
Carbon Monoxide, Carbon Dioxide, Hydrogen and Oxygen, 0.5 % (w/w) each component in nitrogen, cylinder of 48 L, analytical standard	501654
Carbon Monoxide, Carbon Dioxide, Hydrogen, Methane and Oxygen, 1 mol each component in nitrogen, cylinder of 14 L, analytical standard	22561
Carbon Monoxide, Carbon Dioxide, Hydrogen, Methane and Oxygen, 1 mol each component in nitrogen, cylinder of 48 L, analytical standard	23463
Carbon Monoxide, Carbon Dioxide, Hydrogen, Methane and Oxygen, 1 mol each component in nitrogen, aerosol can of 4 L, analytical standard	501670
Carbon Monoxide, Carbon Dioxide, Methane, Ethane, Ethylene and Acetylene, 1 % (w/w) each component in nitrogen, cylinder of 48 L, analytical standard	23462
Carbon Monoxide, Carbon Dioxide, Methane, Ethane, Ethylene and Acetylene, 1 % (w/w) each component in nitrogen, aerosol can of 4 L, analytical standard	501662
Carbon Monoxide (7%), Carbon Dioxide (15%), Oxygen (4%), and Methane (4.5%)., In nitrogen, cylinder of 14 L, analytical standard	501743
Carbon Monoxide (7%), Carbon Dioxide (15%), Oxygen (4%), and Methane (4.5%)., In nitrogen, cylinder of 48 L, analytical standard	501751
Chlorine in nitrogen, 10 ppm, cylinder of 110 L, analytical standard	501352
EPA TO-14A Aromatic Subset Mix, 100 ppb in nitrogen, pkg of 110 L (pi-marked cylinder), analytical standard	41901
EPA TO-15/17 Calibration mix , 62 components, 1 ppm in nitrogen, cylinder of 110 L (pi-marked cylinder), analytical standard	41973-U
EPA TO-15/17 Calibration mix, 25 components, 100 ppb each component in nitrogen, cylinder of 110 L (pi-marked cylinder), analytical standard	41979-U
EPA TO-15/17 Calibration mix, 25 components, 1 ppm each component in nitrogen, cylinder of 110 L (pi-marked cylinder), analytical standard	41978-U
EPA TO-15/17 Calibration mix, 62 component, 100 ppb each component in nitrogen, cylinder of 110 L (pi-marked cylinder), analytical standard	41974-U

* Name	Catalog Number
EPA TO-14 Calibration Mix 1 (39 components), 39 components, 100 ppb each component in nitrogen, pkg of 110 L (pi-marked cylinder), analytical standard	41900-U
EPA TO-14 Calibration Mix 1 (39 components), 1 ppm in nitrogen, pkg of 110 L (pi-marked cylinder), analytical standard	509981
EPA TO-14A CFC/HCFC Subset Mix, 100 ppb in nitrogen, pkg of 110 L (pi-marked cylinder), analytical standard	41903
EPA TO-14A Chlorinated Hydrocarbon Subset Mix, 100 ppb in nitrogen, pkg of 110 L (pi-marked cylinder), analytical standard	41902
EPA TO-14A GC-MS Tuning Standard, 2 ppm bromo-fluorobenzene in nitrogen, pkg of 110 L, analytical standard	41913
EPA TO-14A Reactive Subset Mix, 100 ppb in nitrogen, pkg of 110 L (pi-marked cylinder), analytical standard	41911
Ethylene (99.5%), cylinder of 14 L, analytical standard	25881-U
Ethylene in air, 10 ppm, cylinder of 14 L, analytical standard	501379
Ethylene in helium, 100 ppm, cylinder of 14 L, analytical standard	22572
GPA Natural Gas Reference Standard, pkg of 785 g, volume 14 L, analytical standard	303100-U
Helium Enriched Natural Gas Reference Standard, part volume 14 L, analytical standard	303103
High Ethane Natural Gas Reference Standard, part volume 14 L, analytical standard	303102
HPD Carrying Case for 110L SCOTTY® Gas Mix, analytical standard, case only	509973
Hydrogen (99.99%), cylinder of 14 L, analytical standard	300100
Hydrogen in helium, 100 ppm, cylinder of 14 L, analytical standard	301200
Hydrogen in nitrogen, 1%, cylinder of 14 L, analytical standard	501417
Hydrogen in nitrogen, 1%, cylinder of 48 L, analytical standard	501425
Hydrogen in nitrogen, 100 ppm, cylinder of 14 L, analytical standard	301300
JHAP-9 Mix, 100 ppb in nitrogen, pkg of 110 L (pi-marked cylinder), analytical standard	507970
JHAP-43 Mix, 100 ppb in nitrogen, pkg of 110 L (pi-marked cylinder), analytical standard	500011
JHAP-43 Mix, 1 ppm in nitrogen, pkg of 110 L (pi-marked cylinder), analytical standard	500429
Massachusetts APH Mix, 26 components, in nitrogen (varied), cylinder of 110 L (pi-marked), analytical standard	41982-U
Methane (99.0%), 99.0%, cylinder of 14 L, analytical standard	22562
Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, and n-Butane, 15 ppm each component in nitrogen, aerosol can of 4 L, analytical standard	22566
Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, and n-Butane, 15 ppm each component in nitrogen, cylinder of 48 L, analytical standard	23470-U
Methane in helium, 100 ppm, aerosol can of 4 L, analytical standard	501441
Methane in helium, 100 ppm, cylinder of 14 L, analytical standard	307200
Methane in helium, 100 ppm, cylinder of 48 L, analytical standard	501468
Methane in nitrogen, 100 ppm, cylinder of 14 L, analytical standard	307300-U
Methane in nitrogen, 1%, aerosol can of 4 L, analytical standard	501476
Methane in nitrogen, 1%, cylinder of 14 L, analytical standard	23443

Standards for Routine Analytical Applications

Environmental Standards: Gas

* Name	Catalog Number
Nitrogen (99.99%), aerosol can of 4 L, analytical standard	25877-U
Nitrogen (99.99%), cylinder of 14 L, analytical standard	25879-U
Nitrogen (99.99%), cylinder of 48 L, analytical standard	25882-U
Nitrogen in helium, 100 ppm, cylinder of 14 L, analytical standard	303200
Nitrous oxide in nitrogen, 1 ppm, cylinder of 14 L, analytical standard	501514
Nitrous oxide in nitrogen, 1 ppm, cylinder of 48 L, analytical standard	501522
Nitrous oxide in nitrogen, 10 ppm, cylinder of 48 L, analytical standard	25883-U
C ₂ -C ₆ Olefins, 100 ppm each component in nitrogen, cylinder of 14 L, analytical standard	332300-U
C ₂ -C ₆ Olefins, 100 ppm each component in nitrogen, cylinder of 48 L, analytical standard	501875
C ₂ -C ₆ Olefins, 100 ppm each component in helium, cylinder of 14 L, analytical standard	332200
C ₂ -C ₆ Olefins, 100 ppm each component in helium, cylinder of 48 L, analytical standard	501867
Oxygen (99.6%), 99.6%, cylinder of 14 L, analytical standard	300500-U
Oxygen in helium, 1%, aerosol can of 4 L, analytical standard	25878-U
Oxygen in helium, 100 ppm, cylinder of 14 L, analytical standard	305200
Oxygen in nitrogen, 1%, cylinder of 14 L, analytical standard	25880-U
Oxygen in nitrogen, 2 %, 2%, cylinder of 14 L, analytical standard	501549
Oxygen in nitrogen, 2 %, 2%, cylinder of 48 L, analytical standard	501557
Oxygen in nitrogen, 6 %, 6%, aerosol can of 4 L, analytical standard	501565
Oxygen in nitrogen, 6 %, 6%, cylinder of 14 L, analytical standard	501573
Ozone precursor / PAMS mix, 57 components, x ppb in nitrogen (varied), cylinder of 110 L (pi-marked cylinder), analytical standard	41977-U
Ozone precursor / PAMS mix, 57 components, 1 ppm each component in nitrogen, cylinder of 110 L (pi-marked cylinder), analytical standard	41976-U
Ozone Precursor / PAMS Mix, 57 components, 100 ppb each component in nitrogen, cylinder of 110 L (pi-marked cylinder), analytical standard	41975-U
C ₁ -C ₆ n-Paraffins, 15 ppm each component in nitrogen, aerosol can of 4 L, analytical standard	501778
C ₁ -C ₆ n-Paraffins, 15 ppm each component in nitrogen, cylinder of 14 L, analytical standard	23444
C ₁ -C ₆ n-Paraffins, 15 ppm each component in nitrogen, cylinder of 48 L, analytical standard	501786
C ₁ -C ₆ n-Paraffins, 100 ppm each component in nitrogen, aerosol can of 4 L, analytical standard	501840
C ₁ -C ₆ n-Paraffins, 100 ppm each component in nitrogen, cylinder of 14 L, analytical standard	330300
C ₁ -C ₆ n-Paraffins, 100 ppm each component in nitrogen, cylinder of 48 L, analytical standard	501859
C ₁ -C ₆ n-Paraffins, 100 ppm each component in helium, cylinder of 14 L, analytical standard	330200
C ₁ -C ₆ n-Paraffins, 1000 ppm each component in helium, cylinder of 14 L, analytical standard	501824
C ₁ -C ₆ n-Paraffins, 1000 ppm each component in helium, cylinder of 48 L, analytical standard	501832
Stand for SCOTTY® 110 HP Cylinder	41909
Stand for SCOTTY® 48 Cylinder	500410
Syringe Adapter Replacement Septa, analytical standard	608010
Syringe Adaptor, analytical standard	609010

* Name	Catalog Number
1,1,1-Trichloroethane in nitrogen, 10 ppm, cylinder of 48 L, analytical standard	303408
Trichloroethylene in nitrogen, 10 ppm, cylinder of 14 L, analytical standard	303400
Trichloroethylene in nitrogen, 10 ppm, cylinder of 48 L, analytical standard	303401
Vinyl chloride in nitrogen , 1 ppm, cylinder of 14 L, analytical standard	22554
Vinyl chloride in nitrogen , 1 ppm, cylinder of 48 L, analytical standard	501603
Vinyl chloride in nitrogen , 10 ppm, cylinder of 14 L, analytical standard	22553
Vinyl chloride in nitrogen , 50 ppm, cylinder of 14 L, analytical standard	22555-U
Vinyl chloride in nitrogen , 100 ppm, cylinder of 14 L (stainless steel), analytical standard	22552
Vinyl chloride in nitrogen , 1000 ppm, cylinder of 14 L, analytical standard	22556

PCB

* Name	Catalog Number
Aroclor 1016, analytical standard	48591
Aroclor 1016 solution, certified reference material, 200 µg/mL in methanol	48701
Aroclor 1016 solution, 1000 µg/mL in hexane, analytical standard	90123R
Aroclor 1016 solution, certified reference material, 1000 µg/mL in isooctane	48097
Aroclor 1016 solution, 1000 µg/mL in methanol, analytical standard	48050-U
Aroclor 1016 solution, 50 mg/kg in transformer oil, certified reference material	47925
Aroclor 1016 solution, certified reference material, 500 mg/kg in transformer oil	47962
Aroclor 1221, ampule of 50 mg, Neat, analytical standard	48587
Aroclor 1221 solution, certified reference material, 200 µg/mL in methanol	48705
Aroclor 1221 solution, 1000 µg/mL in hexane, analytical standard	90124R
Aroclor 1221 solution, certified reference material, 1000 µg/mL in isooctane	48098
Aroclor 1221 solution, 1000 µg/mL in methanol, analytical standard	48051
Aroclor 1221 solution, 50 mg/kg in transformer oil, analytical standard	47963
Aroclor 1221 solution, 500 mg/kg in transformer oil, analytical standard	47964
Aroclor 1232 solution, 1 µg/mL in isooctane, analytical standard	44811
Aroclor 1232 solution, certified reference material, 200 µg/mL in methanol	48702
Aroclor 1232 solution, 1000 µg/mL in hexane, analytical standard	90125R
Aroclor 1232 solution, certified reference material, 1000 µg/mL in isooctane	44805
Aroclor 1232 solution, 1000 µg/mL in methanol, analytical standard	48052
Aroclor 1232 solution, 50 mg/kg in transformer oil, analytical standard	47967-U
Aroclor 1232 solution, 500 mg/kg in transformer oil, analytical standard	47968
Aroclor 1242, analytical standard	48585
Aroclor 1242 solution, certified reference material, 200 µg/mL in methanol	48706
Aroclor 1242 solution, certified reference material, 1000 µg/mL in methanol	48053-U

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: PCB

* Name	Catalog Number
Aroclor 1242 solution, 1000 µg/mL in hexane, analytical standard	90126R
Aroclor 1242 solution, certified reference material, 50 mg/kg in transformer oil	48732
Aroclor 1242 solution, certified reference material, 500 mg/kg in transformer oil	48731
Aroclor 1242 solution, certified reference material, 1000 µg/mL in isoctane	44806
Aroclor 1248, analytical standard	48589
Aroclor 1248 solution, 1 µg/mL in isoctane, analytical standard	44813
Aroclor 1248 solution, certified reference material, 200 µg/mL in methanol	48703
Aroclor 1248 solution, certified reference material, 1000 µg/mL in methanol	48054
Aroclor 1248 solution, 1000 µg/mL in hexane, analytical standard	90127R
Aroclor 1248 solution, certified reference material, 50 mg/kg in transformer oil	47965-U
Aroclor 1248 solution, certified reference material, 500 mg/kg in transformer oil	47966
Aroclor 1248 solution, certified reference material, 1000 µg/mL in isoctane	44807
Aroclor 1254, ampule of 50 mg, analytical standard	48586
Aroclor 1254 solution, certified reference material, 1 µg/mL in isoctane	44814
Aroclor 1254 solution, certified reference material, 200 µg/mL in methanol	48707
Aroclor 1254 solution, certified reference material, 1000 µg/mL in methanol	48055-U
Aroclor 1254 solution, certified reference material, 1000 µg/mL in isoctane	44808
Aroclor 1254 solution, analytical standard, 1000 µg/mL in isoctane	454808
Aroclor 1254 solution, 1000 µg/mL in hexane, analytical standard	90128R
Aroclor 1254 solution, certified reference material, 50 mg/kg in transformer oil	48734
Aroclor 1254 solution, certified reference material, 500 mg/kg in transformer oil	48733
Aroclor 1260 solution, 1 µg/mL in isoctane, analytical standard	44815
Aroclor 1260 solution, certified reference material, 200 µg/mL in methanol	48704
Aroclor 1260 solution, 1000 µg/mL in hexane, analytical standard	90129R
Aroclor 1260 solution, certified reference material, 1000 µg/mL in isoctane	44809
Aroclor 1260 solution, certified reference material, 1000 µg/mL in methanol	48056
Aroclor 1260 solution, certified reference material, 500 mg/kg in transformer oil	48735
Aroclor 1262, analytical standard	442463
Aroclor 1262 solution, 1 µg/mL in isoctane, analytical standard	44816
Aroclor 1262 solution, certified reference material, 1000 µg/mL in isoctane	44810
Aroclor 1262 solution, 50 mg/kg in transformer oil, analytical standard	47482
Aroclor 1262 solution, 500 mg/kg in transformer oil, analytical standard	47483
Aroclor 1268 solution, analytical standard, 1000 µg/mL in isoctane	5S02146
Aroclor 1268 solution, certified reference material, 1000 µg/mL in isoctane	502146
Aroclor Mix 1, certified reference material, 200 µg/mL each component in methanol	48861
Aroclor Mix 2, certified reference material, 200 µg/mL each component in methanol	48862

* Name	Catalog Number
BDE No 207 solution, 10 µg/mL in isoctane, analytical standard	33617-1ML
CEN PCB Congener Mix-1, 10 µg/mL each component in heptane, analytical standard	47927
DCMA PCB Mixture, certified reference material, in hexane (varied)	48596-U
Decachlorobiphenyl, analytical standard	442537
Decachlorobiphenyl solution, certified reference material, 200 µg/mL in acetone	48318
4,4'-Dichlorobiphenyl solution, certified reference material, 500 µg/mL in isoctane	48260-U
Fensulfthion oxon, PESTANAL®, analytical standard	34533-25MG
Imidacloprid-olefin, PESTANAL®, analytical standard	34534-10MG
PCB Congener Mix 1, 10 µg/mL each component in isoctane, analytical standard	47330-U
PCB Kit 3, 200 µg/mL each component in methanol, analytical standard	48825
PCB kit - high conc., 1000 µg/mL in isoctane (each solution), analytical standard	44803
PCB No 1, analytical standard	35586-100MG
PCB No 2, analytical standard	35592-100MG
PCB No 3, analytical standard	35596-100MG
PCB No 7, analytical standard	35589-100MG
PCB No 14, analytical standard	35595-100MG
PCB No 18, analytical standard	34077-10MG
PCB No 28, analytical standard	35601-10MG
PCB No 29, analytical standard	31093-20MG
PCB No 30 solution, 10 µg/mL in heptane, analytical standard	33889-5ML-R
PCB No 52, analytical standard	35599-10MG
PCB No 70, analytical standard	34199-10MG
PCB No 77, analytical standard	35496-10MG
PCB No 52 solution, 10 µg/mL in isoctane, analytical standard	31297-2ML
PCB No 101, analytical standard	31094-10MG
PCB No 149, analytical standard	34105-10MG
PCB No 209 solution, 10 µg/mL in heptane, analytical standard	33890-5ML-R
PCB standard solution 7, analytical standard, 10 µg/mL in isoctane	36989-2ML 36989-10ML
PCB Test solution 14 for ECD, 10 µg/mL in heptane, analytical standard	33891-10ML-R
3-Phenoxy- ¹³ C ₆ -benzoic acid, PESTANAL®, analytical standard	34535-10MG
Pirimiphos-methyl-(<i>O,O</i> -dimethyl-d ₆), PESTANAL®, analytical standard	34536-10MG
Transformer oil (PCB free)	40900-U

Pesticides

* Name	Catalog Number
Abamectin, PESTANAL®, analytical standard	31732-100MG
Acephate, PESTANAL®, analytical standard	45315-250MG
Acequinocyl, PESTANAL®, analytical standard	32527-50MG
Acetaldehyde, analytical standard	506788
Acetamidrid, PESTANAL®, analytical standard	33674-100MG-R
Acetamidrid-d ₃ , analytical standard	39246-50MG
Acetamidrid- <i>N</i> -desmethyl, PESTANAL®, analytical standard	32979-10MG
Acetochlor, PESTANAL®, analytical standard	33379-100MG
Acetochlor-(<i>2-ethyl-6-methylphenyl</i> -d ₁₁), analytical standard	50728-5MG
Acibenzolar acid, PESTANAL®, analytical standard	35371-50MG
Acibenzolar- <i>S</i> -methyl, PESTANAL®, analytical standard	32820-100MG

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
Acifluorfen, analytical standard	N11027-250MG
Acifluorfen, PESTANAL [®] , analytical standard	34311-50MG
Acionifen, PESTANAL [®] , analytical standard	36792-50MG-R
Acrinathrin, PESTANAL [®] , analytical standard	46415-100MG-R
Alachlor, PESTANAL [®] , analytical standard	45316-250MG
Alachlor solution, certified reference material, 1000 µg/mL in methanol	41089
Alanycarb, PESTANAL [®] , analytical standard	32872-100MG
Aldicarb, PESTANAL [®] , analytical standard	33386-100MG
Aldicarb-(<i>N</i> -methyl- ¹³ C, ₃ carbamoyl- ¹³ C), analytical standard	16966-5MG
Aldicarb-(<i>N</i> -methyl- ¹³ C, ₃ carbamoyl- ¹³ C) sulfone, analytical standard	11355-5MG
Aldicarb-sulfone, PESTANAL [®] , analytical standard	33387-100MG
Aldicarb-sulfoxide, PESTANAL [®] , analytical standard	31258-100MG
Aldrin, PESTANAL [®] , analytical standard	36666-25MG
Aldrin, analytical standard	49000-U
Aldrin solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	36664-2ML 36664-10ML
Aldrin solution, 200 µg/mL in isooctane, analytical standard	48962
Aldrin solution, certified reference material, 5000 µg/mL in methanol	40220-U
C ₁₂ -C ₁₄ -Alkyl(ethylbenzyl)dimethylammonium chloride, PESTANAL [®] , analytical standard	32279-100MG
Allethrin, PESTANAL [®] , analytical standard	33396-100MG
Alloxydim-sodium, PESTANAL [®] , analytical standard	45319-250MG
Allyl isothiocyante, PESTANAL [®] , analytical standard, stabilized	36682-1G
Alodane, PESTANAL [®] , analytical standard	45320-250MG
Ametoctradin, PESTANAL [®] , analytical standard	32461-50MG
Ametryn, analytical standard	N11064-500MG
Ametryn, PESTANAL [®] , analytical standard	45321-250MG
Ametryn, analytical standard	49084
Amidoflumet, analytical standard	47148-25MG
Amidosulfuron, PESTANAL [®] , analytical standard	33588-100MG
2-Aminobenzimidazole, PESTANAL [®] , analytical standard	31189-250MG
Aminocarb, PESTANAL [®] , analytical standard	45322-50MG
Aminoethoxyvinyl glycine hydrochloride, PESTANAL [®] , analytical standard	32999-25MG
(Aminomethyl)phosphonic acid, analytical standard	MET12133A-100MG
2-Aminophenol, PESTANAL [®] , analytical standard	36683-1G
3-Aminophenol, PESTANAL [®] , analytical standard	36684-1G
4-Aminophenol, PESTANAL [®] , analytical standard	35837-1G
Aminopyralid, PESTANAL [®] , analytical standard	32457-25MG
2-Aminopyridine, PESTANAL [®] , analytical standard	36685-1G
4-Aminopyridine, PESTANAL [®] , analytical standard	36687-1G
Amisulbrom, PESTANAL [®] , analytical standard	32849-25MG
Amitraz, PESTANAL [®] , analytical standard	45323-250MG
Amitraz-(<i>N</i> -methyl- ¹³ C), analytical standard	16202-5MG
Amitrol, PESTANAL [®] , analytical standard	45324-250MG
Anilazine, PESTANAL [®] , analytical standard	31464-50MG
(<i>S</i>)-3-Anilino-5-methyl-5-phenylimidazolidine-2,4-dione, PESTANAL [®] , analytical standard	34183-100MG
Anilofos, PESTANAL [®] , analytical standard	37876-100MG
Anthraquinone, analytical standard	N10970-1G
ANTU, PESTANAL [®] , analytical standard	45328-250MG
Asulam, PESTANAL [®] , analytical standard	45329-250MG
Atraton, PESTANAL [®] , analytical standard	31206-250MG
Atrazine, analytical standard	49085
Atrazine solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	31212-2ML

* Name	Catalog Number
Atrazine solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	48187
Atrazine-d ₅ , PESTANAL [®] , analytical standard	34053-10MG-R
Atrazine-desethyl, PESTANAL [®] , analytical standard	36629-250MG
Atrazine-desethyl solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	31210-2ML
Atrazine-desethyl-desisopropyl, PESTANAL [®] , analytical standard	36667-250MG
Atrazine-desethyl-desisopropyl-2-hydroxy, PESTANAL [®] , analytical standard	45613-250MG
Atrazine-desethyl-2-hydroxy, PESTANAL [®] , analytical standard	45490-100MG
Atrazine-desisopropyl, PESTANAL [®] , analytical standard	36628-250MG
Atrazine-desisopropyl-2-hydroxy, PESTANAL [®] , analytical standard	31523-100MG
Atrazine-2-hydroxy, PESTANAL [®] , analytical standard	36631-250MG
Azadirachtin, technical mixture	N11107-10MG
Azamethiphos, PESTANAL [®] , analytical standard	45331-250MG
Azimsulfuron, PESTANAL [®] , analytical standard	32521-25MG
Azinphos-ethyl, PESTANAL [®] , analytical standard	45332-250MG
Azinphos-methyl, PESTANAL [®] , analytical standard	45333-250MG
Aziprotryne, PESTANAL [®] , analytical standard	45334-50MG
Azobenzene, PESTANAL [®] , analytical standard	36689-1G
Azocyclotin, PESTANAL [®] , analytical standard	45335-250MG
Azoxystrobin, PESTANAL [®] , analytical standard	31697-100MG
Azoxystrobin-(<i>cyanophenoxy</i> -d ₄), analytical standard	51949-10MG
Barban, analytical standard	N11123-100MG
Baythroid [®] , PESTANAL [®] , analytical standard	33738-250MG
BDMC, analytical standard	N11131-100MG
Beflubutamid, PESTANAL [®] , analytical standard	32866-100MG
Benalaxyl, PESTANAL [®] , analytical standard	31222-250MG
Benalaxyl-M, PESTANAL [®] , analytical standard	32900-10MG
Benazolin-ethyl ester, PESTANAL [®] , analytical standard	31227-250MG
Bendiocarb, PESTANAL [®] , analytical standard	45336S-50MG 45336-250MG
Benfluralin, PESTANAL [®] , analytical standard	45337-250MG
Benfuracarb, PESTANAL [®] , analytical standard	31544-100MG
Benfuresate, PESTANAL [®] , analytical standard	31637-100MG
Benodanil, PESTANAL [®] , analytical standard	45338-50MG
Benomyl, analytical standard	N11138-100MG
Benomyl, PESTANAL [®] , analytical standard	45339-250MG
Benoxacor, PESTANAL [®] , analytical standard	46001-50MG
Bensulfuron-methyl, PESTANAL [®] , analytical standard	37897-100MG
Bensulide, PESTANAL [®] , analytical standard	31469-250MG
Bensultap, PESTANAL [®] , analytical standard	33863-100MG-R
Bentazon, PESTANAL [®] , analytical standard	32052-250MG
Bentazon-d ₇ , PESTANAL [®] , analytical standard	32965-10MG
Bentazon methyl derivative, analytical standard	N11143-50MG
Benranil, PESTANAL [®] , analytical standard	37872-25MG
Benzofenap solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	32474-2ML
Benzoximate, PESTANAL [®] , analytical standard	33397-100MG
Benzoylprop-ethyl, PESTANAL [®] , analytical standard	31476-100MG
6-Benzylaminopurine, analytical standard	67619-100MG
Benzyltrimethyldecylammonium chloride, analytical standard	43613-100MG
α-BHC solution, certified reference material, 1000 µg/mL in methanol	40100-U
β-BHC, analytical standard	48494
β-BHC solution, certified reference material, 1000 µg/mL in acetone	40101

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
γ-BHC, 200 µg/mL in isooctane, analytical standard	48960-U
γ-BHC, certified reference material, 1000 µg/mL in methanol	40102
γ-BHC, analytical standard	49049
γ-BHC (Lindane), 0.1 µg/mL in hexane, analytical standard	44088-U
δ-BHC, analytical standard	48495
δ-BHC, certified reference material, 1000 µg/mL in methanol	40103-U
Bifenazate, PESTANAL [®] , analytical standard	32504-50MG
Bifenox, PESTANAL [®] , analytical standard	31477-50MG
Bifenthrin, analytical standard	N11203-100MG
Bifenthrin solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	36993-2ML
(±)-Bifenthrin-(<i>biphenyl-2',3',4',5',6'-d₅</i>), analytical standard	16582-10MG
Binapacryl, PESTANAL [®] , analytical standard	31484-250MG
Bioallethrin, PESTANAL [®] , analytical standard	31489-250MG
Biphenyl, PESTANAL [®] , analytical standard	35800-1G
4,4'-Bipyridyl, anhydrous, PESTANAL [®] , analytical standard	36690-1G
Bis(5-chloro-2-hydroxyphenyl)methane	N11667-250MG
Bis(2-ethylhexyl) phthalate, PESTANAL [®] , analytical standard	36735-1G
Bispyribac sodium salt, PESTANAL [®] , analytical standard	32967-100MG
Bistrifluron, analytical standard	65563-25MG
Bitertanol, PESTANAL [®] , analytical standard	45349-250MG
Bixafen, PESTANAL [®] , analytical standard	32581-100MG
Bixafen Metabolite BYF00587, PESTANAL [®] , analytical standard	34511-10MG
Boscalid, PESTANAL [®] , analytical standard	33875-100MG-R
Brodifacoum, PESTANAL [®] , analytical standard	46036-100MG
Bromacil, PESTANAL [®] , analytical standard	45350-250MG
Bromadiolon, PESTANAL [®] , analytical standard	46035-100MG
Bromfenvinphos-ethyl, PESTANAL [®] , analytical standard	45816-100MG
Bromfenvinphos-methyl, PESTANAL [®] , analytical standard	45815-100MG
Bromobutide, certified reference material, TraceCERT [®]	64148-50MG
Bromocyclen, PESTANAL [®] , analytical standard	33398-100MG
Bromophos-ethyl, PESTANAL [®] , analytical standard	33399-100MG
Bromophos-methyl, PESTANAL [®] , analytical standard	33400-100MG
Bromopropylate, PESTANAL [®] , analytical standard	45357-250MG
Bromoxynil, PESTANAL [®] , analytical standard	45355-250MG
Bromoxynil-octanoate, PESTANAL [®] , analytical standard	45356-250MG
Bromuconazol, PESTANAL [®] , analytical standard	31644-100MG
Bronopol, PESTANAL [®] , analytical standard	32053-250MG
Bupirimate, PESTANAL [®] , analytical standard	31510-250MG
Buprofezin, PESTANAL [®] , analytical standard	37886-100MG
Buprofezin-(<i>isopropyl-1,1,1,3,3,3-d₆</i>), analytical standard	91502-5MG
Butachlor, PESTANAL [®] , analytical standard	37887-100MG
Butachlor-(<i>2,6-diethylphenyl-d₁₃</i>), analytical standard	74108-5MG
Butafenacil, PESTANAL [®] , analytical standard	33659-100MG-R
Butamifos, PESTANAL [®] , analytical standard	37046-25MG
Butocarboxim, PESTANAL [®] , analytical standard	36121-100MG
Butocarboximsulfoxide, PESTANAL [®] , analytical standard	45719-100MG
Butoxycarboxim, PESTANAL [®] , analytical standard	36122-100MG
Butralin, PESTANAL [®] , analytical standard	36528-250MG
Buturon, PESTANAL [®] , analytical standard	36510-100MG

* Name	Catalog Number
Butylat, PESTANAL [®] , analytical standard	45363-250MG
Butyl 4-hydroxybenzoate-(<i>ring-¹³C₆</i>), analytical standard	32137-10MG 32137-25MG
4- <i>tert</i> -Butylphenol, analytical standard	506761
Cacodylic acid, analytical standard	N11779-500MG
Cadusafos, PESTANAL [®] , analytical standard	32505-50MG
Calfo E, PESTANAL [®] , for pesticide residue analysis	34316-250G 34316-4X250G
Captafol, PESTANAL [®] , analytical standard	45365-250MG
Captan, analytical standard	N11400-250MG
Captan, PESTANAL [®] , analytical standard	32054-250MG
Carbaryl, PESTANAL [®] , analytical standard	32055-250MG
Carbaryl solution, 100 µg/mL in cyclohexane, PESTANAL [®] , analytical standard	36856-10ML
Carbazole solution, certified reference material, 2000 µg/mL in methylene chloride	48076
Carbendazim, analytical standard	N11404-100MG
Carbendazim, PESTANAL [®] , analytical standard	45368-250MG
Carbendazim-d ₃ , PESTANAL [®] , analytical standard	32413-10MG
Carbendazim-(<i>ring-4,5,6,7-d₄</i>), analytical standard	49298-5MG
Carbetamide, PESTANAL [®] , analytical standard	45369-250MG
Carbofuran, PESTANAL [®] , analytical standard	32056-250MG
Carbofuran-d ₃ , PESTANAL [®] , analytical standard	34019-10MG-R
Carbofuran-3-hydroxy, PESTANAL [®] , analytical standard	37896-10MG
Carbophenothion, PESTANAL [®] , analytical standard	31461-250MG
Carbosulfan, analytical standard	N11409-250MG
Carbosulfan, PESTANAL [®] , analytical standard	32005-100MG
Carboxine, PESTANAL [®] , analytical standard	45371S-50MG 45371-250MG
Carfentrazone-ethyl, PESTANAL [®] , analytical standard	34079-10MG
Carpropamid, PESTANAL [®] , analytical standard	31682-100MG
Cartap hydrochloride, PESTANAL [®] , analytical standard	45995-100MG
Chinomethionate, PESTANAL [®] , analytical standard	45372-250MG
Chloralose, PESTANAL [®] , analytical standard	45373-250MG
Chloramben, PESTANAL [®] , analytical standard	33392-100MG-R
Chloranil, PESTANAL [®] , analytical standard	45374-250MG
Chlorantraniliprole, PESTANAL [®] , analytical standard	32510-25MG
Chlorbensid, PESTANAL [®] , analytical standard	36123-100MG
Chlorbensid sulfoxide, PESTANAL [®] , analytical standard	46032-100MG
cis-Chlordane, analytical standard	N11480-10MG
trans-Chlordane, analytical standard	N13615-10MG
α-Chlordane solution, certified reference material, 100 µg/mL in hexane	48192
γ-Chlordane, analytical standard	442599
γ-Chlordane solution, certified reference material, 100 µg/mL in hexane	48193
Chlordane (mixture of isomers), certified reference material, 5000 µg/mL in methanol	40089
Chlordane (mixture of isomers), certified reference material, 1000 µg/mL in isooctane	48065-U
Chlordane (mixture of isomers), analytical standard, 200 µg/mL in isooctane, ampule of 1 mL	47554-U
Chlordimeform, PESTANAL [®] , analytical standard	31099-250MG
Chlordimeform hydrochloride, PESTANAL [®] , analytical standard	35914-250MG
Chlorfenac, PESTANAL [®] , analytical standard	34318-100MG
Chlorfenapyr, PESTANAL [®] , analytical standard	37913-100MG-R
Chlorfenson, PESTANAL [®] , analytical standard	36124-100MG
Chlorfenvinphos, PESTANAL [®] , analytical standard	36551-250MG
Chlorfenvinphos solution, 100 µg/mL in cyclohexane, PESTANAL [®] , analytical standard	45828-2ML
Chlorfluzuron, PESTANAL [®] , analytical standard	36530-50MG-R

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
Chlorflurenol, PESTANAL®, analytical standard	45721-100MG
Chlorflurenol-methyl, PESTANAL®, analytical standard	45302-250MG
Chloridazon, PESTANAL®, analytical standard	45385-250MG
Chlorimuron ethyl, analytical standard	N11432-100MG
Chlorinated Pesticides Mix, in isooctane (varied), analytical standard	47557-U
Chlorinated Pesticides Mix, in isooctane (varied), analytical standard	49151
Chlormequat chloride, PESTANAL®, analytical standard	45387-250MG
Chloroacetic acid, PESTANAL®, analytical standard	36544-1G
3-Chloroaniline, PESTANAL®, analytical standard	35824-1G
4-Chloroaniline, PESTANAL®, analytical standard	35823-1G
Chlorobenzilate, PESTANAL®, analytical standard	45376-50MG
2-Chlorobenzoic acid, analytical standard	506877
4-Chlorobenzoic acid, analytical standard	506885
6-Chlorobenzoxazol-2(3H)-one, PESTANAL®, analytical standard	33673-100MG-R
Chlorobromoureon, PESTANAL®, analytical standard	45377-250MG
2-Chloro-5-chloromethylthiazole, analytical standard	63227-5G
5-Chloro-2,4-dimethoxyaniline, PESTANAL®, analytical standard	35991-1G
2-Chloroethanol, PESTANAL®, analytical standard	36693-1G
Chlorofenprop-methyl, PESTANAL®, analytical standard	45381-50MG
3-Chloro-4-methylaniline, PESTANAL®, analytical standard	36761-1G
4-Chloro-2-methylphenol, PESTANAL®, analytical standard	35833-1G
Chloroneb, PESTANAL®, analytical standard	36125-100MG
Chlorophacinone, PESTANAL®, analytical standard	45390-250MG
2-Chlorophenol, PESTANAL®, analytical standard	36746-1G
3-Chlorophenol, PESTANAL®, analytical standard	36747-1G
4-Chlorophenol, PESTANAL®, analytical standard	35826-1G
4-Chlorophenoxyacetic acid, PESTANAL®, analytical standard	45391-250MG
1-(2-Chlorophenyl)-1-(4-chlorophenyl)-2,2-dichloroethane, analytical standard	N12706-250MG
6-Chloropyridine-3-carboxylic acid, analytical standard	68678-100MG
Chlorosulfuron, analytical standard	N11461-100MG
Chlorosulfuron, PESTANAL®, analytical standard	34322-100MG
Chlorothalonil, analytical standard	N11454-250MG
Chlorothalonil, PESTANAL®, analytical standard	36791-250MG
Chlorothalonil solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	36981-2ML
2-Chlorotoluene, PESTANAL®, analytical standard	36695-1G
3-Chlorotoluene, PESTANAL®, analytical standard	36696-1G
4-Chlorotoluene, PESTANAL®, analytical standard	36697-1G
Chloroxuron, PESTANAL®, analytical standard	45389-250MG
Chloroxynil, PESTANAL®, analytical standard	33363-25MG
Chlorpropham, PESTANAL®, analytical standard	45393-250MG
Chlorpropylat, PESTANAL®, analytical standard	45394-50MG
Chlorpyrifos, PESTANAL®, analytical standard	45395-100MG
Chlorpyrifos solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	31553-2ML 31553-10ML
Chlorpyrifos-(diethyl-d ₁₀), analytical standard	90047-5MG
Chlorpyrifos-methyl, PESTANAL®, analytical standard	45396-250MG
Chlorpyrifos-methyl solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	45831-2ML 45831-10ML
Chlorthal-dimethyl, PESTANAL®, analytical standard	45397-50MG
Chlorthiamid, PESTANAL®, analytical standard	45398-250MG
Chlorthion, PESTANAL®, analytical standard	35030-25MG-R
Chlorthiophos, PESTANAL®, analytical standard	36126-100MG

* Name	Catalog Number
Chlortoluron, analytical standard	N11455-250MG
Chlortoluron, PESTANAL®, analytical standard	45400-250MG-R
Chlortoluron-(N,N-dimethyl-d ₆), analytical standard	12607-5MG
Chlozolinate solution, 100 µg/mL in cyclohexane, PESTANAL®, analytical standard	33743-2ML
Cinidon-ethyl, PESTANAL®, analytical standard	46336-100MG
Cinmethylin, PESTANAL®, analytical standard	34237-50MG
Cinosulfuron, PESTANAL®, analytical standard	37893-100MG
Clethodim, PESTANAL®, analytical standard	34190-50MG
Climbazole, PESTANAL®, analytical standard	36127-100MG
Clodinafop-propargyl, PESTANAL®, analytical standard	31676-250MG
Cloethocarb, PESTANAL®, analytical standard	32588-50MG
Clofentezine, PESTANAL®, analytical standard	36763-50MG
Clomazone, PESTANAL®, analytical standard	46120-100MG-R
Clopyralid, PESTANAL®, analytical standard	36758-250MG
Clopyralid (2-hydroxyethyl)ammonium, PESTANAL®, analytical standard	36529-250MG
Cloquintocet, PESTANAL®, analytical standard	34239-25MG-R
Cloquintocet-mexyl, PESTANAL®, analytical standard	31678-250MG
Cloransulam-methyl, PESTANAL®, analytical standard	32147-50MG
Closantel, PESTANAL®, analytical standard	34093-100MG
Clothianidin, PESTANAL®, analytical standard	33589-100MG
Clothianidin-d ₃ , PESTANAL®, analytical standard	56816-50MG
Cloxyfonac, PESTANAL®, analytical standard	37096-25MG
Codlemone, PESTANAL®, analytical standard	32716-50MG
Copper naphthenate, analytical standard	N11501-1G
Copper oxychloride, technical grade	N11502-1G
Coumachlor, PESTANAL®, analytical standard	45402-250MG
Coumafuryl, PESTANAL®, analytical standard	34324-10MG
Coumaphos, PESTANAL®, analytical standard	45403-250MG
Coumatetralyl, PESTANAL®, analytical standard	45404-250MG
Creatine, analytical standard	MET11840A-1G
Cresyl diphenyl phosphate, PESTANAL®, analytical standard	32957-100MG
Crimidine, PESTANAL®, analytical standard	36564-250MG
Cuelure, PESTANAL®, analytical standard	35376-25MG
Cumene, PESTANAL®, analytical standard	36698-1G
Cumyluron, PESTANAL®, analytical standard	37023-25MG
Cyanazine, PESTANAL®, analytical standard	45407-250MG
Cyanofenphos solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	33028-2ML
Cyanophos, PESTANAL®, analytical standard	46279-25MG
Cyantranilprole, PESTANAL®, analytical standard	32372-25MG
Cyanuric acid- ¹³ C ₃ , PESTANAL®, analytical standard	32679-10MG
Cyazofamid, PESTANAL®, analytical standard	33874-100MG-R
Cyclanilide, PESTANAL®, analytical standard	32871-100MG
Cycloate, PESTANAL®, analytical standard	45408-250MG
Cycloheximide, PESTANAL®, analytical standard	46401-100MG-R
Cycloprothrin, PESTANAL®, analytical standard	37060-10MG
Cyclosulfamuron, PESTANAL®, analytical standard	32743-100MG
Cycloxidim, PESTANAL®, analytical standard	31596-100MG
Cycluron, PESTANAL®, analytical standard	45409-250MG
(E _Z)-Cyenopyrafen, PESTANAL®, analytical standard	32069-25MG
Cyflufenamid, PESTANAL®, analytical standard	32403-25MG
Cyflumetofen, PESTANAL®, analytical standard	32068-50MG
β-Cyfluthrin, PESTANAL®, analytical standard	46003-250MG
Cyhalofop-butyl, PESTANAL®, analytical standard	32753-50MG
Cyhalothrin solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	36996-2ML
λ-Cyhalothrin, PESTANAL®, analytical standard	31058-100MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
λ-Cyhalothrin, analytical standard	N12307-100MG
Cyhexatin, PESTANAL®, analytical standard	45411-250MG
Cymoxanil, PESTANAL®, analytical standard	34326-100MG
Cymoxanil-(<i><I>methoxy</I>-d₃</i>), analytical standard	76168-5MG
Cypermethrin, PESTANAL®, analytical standard	36128-100MG
Cypermethrin solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	45835-2ML 45835-10ML
α-Cypermethrin, PESTANAL®, analytical standard	45806-100MG
<i>cis</i> -Cypermethrin-(<i>phenoxy-d₅</i>), analytical standard	75253-5MG
<i>trans</i> -Cypermethrin-(<i>phenoxy-d₅</i>), analytical standard	14657-5MG
Cyphenothrin, PESTANAL®, analytical standard	46037-100MG
Cyproconazol, PESTANAL®, analytical standard	46068-100MG
Cyprodinil-(<i>phenyl-d₅</i>), analytical standard	80033-5MG
Cyprodinil-(<i>phenyl-¹³C₆</i>), PESTANAL®, analytical standard	34517-10MG
Cyrosulfamide, PESTANAL®, analytical standard	32522-100MG
Cyromazin, PESTANAL®, analytical standard	45414-50MG
2,4-D, PESTANAL®, analytical standard	31518-250MG
2,4-D, analytical standard	49083
2,4-D solution, 100 µg/mL in methanol, analytical standard, EPA TCLP	47896
2,4-D solution, certified reference material, 5000 µg/mL in acetonitrile	40330
2,4-D dimethylamine salt, analytical standard	N10612-1G
2,4-D butylglycol ester, PESTANAL®, analytical standard	31057-250MG
2,4-D 1-butyl ester, PESTANAL®, analytical standard	45732-250MG-R
2,4-D isooctyl ester, analytical standard	N10615-1G
2,4-D methyl ester, PESTANAL®, analytical standard	45416-250MG
2,4-D methyl ester, analytical standard	49142
2,4-D methyl ester solution, 200 µg/mL in hexane, analytical standard	47979
Dalapon, PESTANAL®, analytical standard	35562-250MG
Dalapon, analytical standard	442535
Dalapon-methyl, PESTANAL®, analytical standard	45383-250MG
Daminozide, PESTANAL®, analytical standard	45418-250MG
Daminozide-(dimethyl-d ₆) hydrochloride, analytical standard	76734-5MG
Dazomet, PESTANAL®, analytical standard	45419-250MG
2,4-DB, PESTANAL®, analytical standard	45420-250MG-R
4,4'-DBP, PESTANAL®, analytical standard	45421-50MG
4,4'-DDA, PESTANAL®, analytical standard	35484-250MG
2,4'-DDD, PESTANAL®, analytical standard	35485-250MG
2,4'-DDD, analytical standard	49015
4,4'-DDD, PESTANAL®, analytical standard	35486-250MG
4,4'-DDD solution, certified reference material, 5000 µg/mL in methanol	40092
2,4'-DDE, analytical standard	N12707-50MG
2,4'-DDE solution, 100 µg/mL in methanol, PESTANAL®, analytical standard	36663-2ML
4,4'-DDE, PESTANAL®, analytical standard	35487-100MG
4,4'-DDE solution, 200 µg/mL in isooctane, analytical standard	48968
4,4'-DDE solution, certified reference material, 5000 µg/mL in methanol	40091
4,4'-DDE solution, 20 µg/mL in methanol, analytical standard	48679
4,4'-DDM, PESTANAL®, analytical standard	35488-250MG
4,4'-DDMU, PESTANAL®, analytical standard	35489-250MG
DDT (o,p' & p,p'), analytical standard	N11567-250MG
2,4'-DDT, analytical standard	49018
2,4'-DDT, analytical standard	N12708-50MG

* Name	Catalog Number
2,4'-DDT solution, 100 µg/mL in methanol, PESTANAL®, analytical standard	45839-2ML 45839-10ML
4,4'-DDT, PESTANAL®, analytical standard	31041-100MG
4,4'-DDT solution, 200 µg/mL in isooctane, analytical standard	48980
4,4'-DDT solution, certified reference material, 5000 µg/mL in methanol	40124
4,4'-DDT-d ₈ , analytical standard	34021-10MG-R
DDT-Endrin Mix, certified reference material, 500 µg/mL each component in methanol	48282
DEET, PESTANAL®, analytical standard	36542-250MG
DEET, analytical standard	442541
DEET-(<i>diethyl-d₁₀</i>), PESTANAL®, analytical standard	32381-25MG
Deltamethrin, PESTANAL®, analytical standard	45423-250MG
Deltamethrin-(<i>phenoxy-d₅</i>), analytical standard	76112-5MG
Demeton S, analytical standard	N11582-100MG
Demeton-S-methyl, analytical standard	N12384-50MG
Demeton-S-methyl solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	34234-2ML
Demeton-S-methyl-sulfon, PESTANAL®, analytical standard	45424-250MG
Demeton O&S, analytical standard	N11581-100MG
Desmedipham, PESTANAL®, analytical standard	45426-50MG
Desmethyl-formamido-pirimicarb, PESTANAL®, analytical standard	33887-10MG-R
<i>N</i> -Desmethylthiamethoxam, analytical standard	73348-50MG
Desmetryn, PESTANAL®, analytical standard	45427-250MG
Desnitro-imidacloprid hydrochloride, PESTANAL®, analytical standard	37052-25MG
Diafenthuron, PESTANAL®, analytical standard	31571-250MG
Dialifos, PESTANAL®, analytical standard	36500-100MG
di-Allate, analytical standard	N11587-100MG
Diazinon, PESTANAL®, analytical standard	45428-250MG
Diazinon, analytical standard	49021
Diazinon-(<i>diethyl-d₁₀</i>), analytical standard	74332-5MG
Dibrom®, PESTANAL®, analytical standard	45429-250MG
4,4'-Dibromobenzophenone, PESTANAL®, analytical standard	36601-500MG
1,2-Dibromo-3-chloropropane, PESTANAL®, analytical standard	31257-250MG
Dibutyl phthalate, PESTANAL®, analytical standard	36736-1G
Dibutyl succinate, PESTANAL®, analytical standard	33983-100MG-R
Dicamba, PESTANAL®, analytical standard	45430-250MG
Dicamba-d ₃ , PESTANAL®, analytical standard	34233-10MG-R
Dicamba methyl ester, analytical standard	N11657-100MG
Dicamba methyl ester, PESTANAL®, analytical standard	34102-10MG-R
Dicamba methyl ester solution, 200 µg/mL in hexane, analytical standard	47982
Dichlobenil, PESTANAL®, analytical standard	45431-250MG
Dichlofenthion, PESTANAL®, analytical standard	45432-250MG
Dichlofluanid, PESTANAL®, analytical standard	45433-250MG
Dichlofluanid solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	45844-2ML
Dichlon, PESTANAL®, analytical standard	45434-250MG
Dichloran, PESTANAL®, analytical standard	45435-250MG
Dichlorimid, PESTANAL®, analytical standard	33613-100MG
Dichloroacetic acid, PESTANAL®, analytical standard	36545-1G
2,3-Dichloroaniline, PESTANAL®, analytical standard	36701-1G
2,4-Dichloroaniline, PESTANAL®, analytical standard	35829-1G
2,5-Dichloroaniline, PESTANAL®, analytical standard	36702-1G
3,4-Dichloroaniline, PESTANAL®, analytical standard	35827-1G
3,5-Dichloroaniline, PESTANAL®, analytical standard	36704-1G

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
2,6-Dichlorobenzamide, PESTANAL [®] , analytical standard	36605-1G
1,2-Dichlorobenzene, PESTANAL [®] , analytical standard	36707-1G
1,3-Dichlorobenzene, PESTANAL [®] , analytical standard	36708-1G
1,4-Dichlorobenzene, PESTANAL [®] , analytical standard	35775-1G
2,4-Dichlorobenzoic acid, PESTANAL [®] , analytical standard	36749-1G
2,5-Dichlorobenzoic acid, PESTANAL [®] , analytical standard	36705-1G
2,6-Dichlorobenzoic acid, PESTANAL [®] , analytical standard	36706-1G
1,2-Dichloro-3-nitrobenzene, PESTANAL [®] , analytical standard	45682-250MG
1,2-Dichloro-4-nitrobenzene, PESTANAL [®] , analytical standard	35831-1G
1,4-Dichloro-2-nitrobenzene, PESTANAL [®] , analytical standard	36572-250MG
Dichlorophene, PESTANAL [®] , analytical standard	35992-250MG
2,4-Dichlorophenol, PESTANAL [®] , analytical standard	35811-1G
2,5-Dichlorophenol, PESTANAL [®] , analytical standard	35835-1G
2,6-Dichlorophenol, PESTANAL [®] , analytical standard	31102-1G
3,4-Dichlorophenol, PESTANAL [®] , analytical standard	31274-250MG
3,5-Dichlorophenol, PESTANAL [®] , analytical standard	31595-250MG
Dichloroprop-P, PESTANAL [®] , analytical standard	31237-250MG
1,3-Dichloropropane, PESTANAL [®] , analytical standard	45439-250MG
1,3-Dichloropropene, PESTANAL [®] , analytical standard	45440-250MG
2,3-Dichloropropionanilide, PESTANAL [®] , analytical standard	45734-250MG
Dichlorprop, PESTANAL [®] , analytical standard	45436-250MG
Dichlorprop-butyl, PESTANAL [®] , analytical standard	34548-25MG
Dichlorprop-isooctyl, PESTANAL [®] , analytical standard	34551-25MG
Dichlorprop-methyl ester, PESTANAL [®] , analytical standard	45437-250MG
Dichlorvos, PESTANAL [®] , analytical standard	45441-250MG
Dichlorvos-(dimethyl-d ₆), analytical standard	74867-10MG
Diclobutrazol, PESTANAL [®] , analytical standard	36764-50MG
(±)-Diclofop, analytical standard	52256-25MG
Diclofop-methyl, PESTANAL [®] , analytical standard	45442-250MG
Dicofol, PESTANAL [®]	36677-100MG-R
Dicofol solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	45848-2ML
Dicrotophos, PESTANAL [®] , analytical standard	45305-100MG
Dicyclanil, PESTANAL [®] , analytical standard	46391-100MG
Dicyclohexyl phthalate, analytical standard	36908-250MG
Dicyclohexyl phthalate-3,4,5,6-d ₄ , analytical standard	34186-25MG
Dicyclopentadiene, analytical standard	N11686-500MG
Dieldrin, PESTANAL [®] , analytical standard	33491-100MG-R
Dieldrin solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	36660-2ML-R
Dieldrin solution, certified reference material, 1000 µg/mL in methanol	40088
Dienochlor, PESTANAL [®] , analytical standard	45443-250MG
Diethofencarb, PESTANAL [®] , analytical standard	34087-100MG
2-(Diethylamino)-6-methyl-4-pyrimidinol, PESTANAL [®] , analytical standard	34546-25MG
2,6-Diethylaniline, PESTANAL [®] , analytical standard	36765-1G
Diethyl phosphate	MET11621C-100MG
Difenacoum, PESTANAL [®] , analytical standard	32677-25MG
Difenoconazol, PESTANAL [®] , analytical standard	36531-250MG
Difenoxyrone, PESTANAL [®] , analytical standard	45444-50MG
Difenzoquat methyl sulfate, PESTANAL [®] , analytical standard	34331-250MG
Diflubenzuron, PESTANAL [®] , analytical standard	45446-250MG

* Name	Catalog Number
Diflubenzuron-(chlorophenyl- ¹³ C ₆), PESTANAL [®] , analytical standard	32311-10MG
Diflufenican, PESTANAL [®] , analytical standard	45751-100MG
Diflufenopyr sodium salt, PESTANAL [®] , analytical standard	37916-100MG-R
Dimelfluthrin, PESTANAL [®] , analytical standard	32432-100MG
Dimelfuron, PESTANAL [®] , analytical standard	36788-250MG-R
Dimepiperate, PESTANAL [®] , analytical standard	33943-100MG
Dimethachlor, PESTANAL [®] , analytical standard	45447-250MG
Dimethachlor Metabolite CGA 373464, PESTANAL [®] , analytical standard	32632-100MG
Dimethachlor Metabolite SYN 528702 sodium salt, PESTANAL [®] , analytical standard	32497-100MG
Dimethachlor Metabolite SYN 530561, PESTANAL [®] , analytical standard	32635-100MG
Dimethametryn, PESTANAL [®] , analytical standard	45448-250MG
Dimethenamid, PESTANAL [®] , analytical standard	31726-100MG
Dimethenamide-P, PESTANAL [®] , analytical standard	33697-100MG-R
Dimethipin, analytical standard	N11757-1G
Dimethoate, PESTANAL [®] , analytical standard	45449-100MG
Dimethoate-(O,O-dimethyl-d ₆), analytical standard	59824-5MG
Dimethomorph, PESTANAL [®] , analytical standard	46027-100MG
Dimethomorph-(dimethoxy-d ₆), analytical standard	89953-5MG
2,6-Dimethylaniline, PESTANAL [®] , analytical standard	36766-1G-R
5,6-Dimethyl-1H-benzotriazole monohydrate, analytical standard	80705-100MG
2,3-Dimethylphenol, PESTANAL [®] , analytical standard	36713-1G
2,4-Dimethylphenol, PESTANAL [®] , analytical standard	36607-1G
2,5-Dimethylphenol, PESTANAL [®] , analytical standard	36714-1G
2,6-Dimethylphenol, PESTANAL [®] , analytical standard	36715-1G
3,4-Dimethylphenol, PESTANAL [®] , analytical standard	36716-1G
3,5-Dimethylphenol, PESTANAL [®] , analytical standard	36717-1G
Dimethyl terephthalate, analytical standard	31298-250MG
Dimethyltin dichloride, PESTANAL [®] , analytical standard	34301-250MG
N,N'-Dimethylurea, PESTANAL [®] , analytical standard	36574-250MG
Dimethylvinphos, PESTANAL [®] , analytical standard	32063-25MG
Dimetian, PESTANAL [®] , analytical standard	45450-50MG
Dimoxystrobin, PESTANAL [®] , analytical standard	33499-100MG-R
Diniconazole, PESTANAL [®] , analytical standard	46049-250MG
Dinitramine, PESTANAL [®] , analytical standard	34333-250MG
2,4-Dinitrophenol, PESTANAL [®] , analytical standard	34334-250MG
Dinobuton, PESTANAL [®] , analytical standard	45451-250MG
Dinoseb, PESTANAL [®] , analytical standard	45453-100MG
Dinoseb, analytical standard	442570
Dinoseb solution, 200 µg/mL in methylene chloride, analytical standard	48378
Dinoseb acetate, PESTANAL [®] , analytical standard	31281-250MG
Dinoseb methyl ether solution, 200 µg/mL in hexane, analytical standard	47984
Dinotefuran, PESTANAL [®] , analytical standard	32499-50MG
Dinoterb, PESTANAL [®] , analytical standard	31241-250MG
Dioxabenzofos, PESTANAL [®] , analytical standard	35352-10MG
Dioxathion, analytical standard	N11790-100MG
Diphacinone, analytical standard	N11793-100MG
Diphenamid, PESTANAL [®] , analytical standard	45455-250MG
Diphenylamine, PESTANAL [®] , analytical standard	45456-250MG
Diphenyl phthalate, PESTANAL [®] , analytical standard	36617-1G-R
Diphenyl sulfide, PESTANAL [®] , analytical standard	46528-1G
Diphenyl sulfone, PESTANAL [®] , analytical standard	45458-250MG
Dipropetryn, PESTANAL [®] , analytical standard	45459-250MG
Dipropyl phthalate, PESTANAL [®] , analytical standard	45624-250MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
Diquat dibromide monohydrate, PESTANAL [®] , analytical standard	45422-250MG-R
Diquat dibromide monohydrate, analytical standard	N11816-500MG
Disodium methyl arsonate hexahydrate, analytical standard	N11817-500MG
Disulfoton, PESTANAL [®] , analytical standard	45460-250MG
Disulfoton-sulfone, PESTANAL [®] , analytical standard	45871-100MG
Disulfoton-sulfoxide, PESTANAL [®] , analytical standard	31562-100MG
Ditalimfos solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	32832-2ML
Dithionon, PESTANAL [®] , analytical standard	45462-250MG
Diuron, PESTANAL [®] , analytical standard	45463-250MG
Diuron solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	45851-2ML
Diuron-d ₆ , PESTANAL [®] , analytical standard	34018-10MG-R
DMST solution, 100 ng/µL in acetonitrile, PESTANAL [®] , analytical standard	32958-2ML
DNC-d ₈ , VETRANAL™, analytical standard	34214-10MG
DNOC, PESTANAL [®] , analytical standard	45464-250MG
Dodemorph, PESTANAL [®] , analytical standard	45465-250MG
Dodin, technical grade	N11840-250MG
Dodin, PESTANAL [®] , analytical standard	45466-250MG
Drazoxolon, PESTANAL [®] , analytical standard	34338-250MG
Dursban, analytical standard	442573
Edifenphos, PESTANAL [®] , analytical standard	45467-250MG
Emamectin benzoate, PESTANAL [®] , analytical standard	31733-250MG
Empenthrin, PESTANAL [®] , analytical standard	33312-100MG-R
Endosulfan, PESTANAL [®] , analytical standard	32015-250MG
Endosulfan solution, 100 µg/mL in hexane, PESTANAL [®] , analytical standard, mixture of isomers	45852-2ML
α-Endosulfan, PESTANAL [®] , analytical standard	45468-100MG
α-Endosulfan solution, 100 µg/mL in hexane, PESTANAL [®] , analytical standard	36659-2ML-R
β-Endosulfan, PESTANAL [®] , analytical standard	33385-100MG
β-Endosulfan solution, 100 µg/mL in hexane, PESTANAL [®] , analytical standard	36582-2ML
Endosulfan alcohol, PESTANAL [®] , analytical standard	36674-100MG
Endosulfan I (alpha), analytical standard	48576
Endosulfan II (beta), analytical standard	48578
Endosulfan ether, PESTANAL [®] , analytical standard	36673-100MG
Endosulfan lactone, PESTANAL [®] , analytical standard	36675-100MG
Endosulfan sulfate, PESTANAL [®] , analytical standard	36676-100MG-R
Endosulfan sulfate solution, 20 µg/mL in methanol, analytical standard	48687
Endrin, PESTANAL [®] , analytical standard	32014-100MG 32014-250MG
Endrin, analytical standard	49032
Endrin solution, 200 µg/mL in isooctane, analytical standard	48976
Endrin solution, certified reference material, 5000 µg/mL in methanol	40087
Endrin aldehyde, analytical standard	442578
Endrin aldehyde solution, 20 µg/mL in methanol, analytical standard	48723-U
Endrin aldehyde solution, 1000 µg/mL in methanol, analytical standard	40097
Endrin ketone, analytical standard	442579
Endrin-ketone solution, 100 ng/µL in acetonitrile, PESTANAL [®] , analytical standard	46390-2ML-R
EPA Pesticide Mix, in methanol: methylene chloride (98:2) (varied), analytical standard	48858-U
EPN, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	36984-10ML
EPN, PESTANAL [®] , analytical standard	36503-100MG
Eptam [®] , analytical standard	442581

* Name	Catalog Number
EPTC, PESTANAL [®] , analytical standard	45469-250MG
Esbiol, analytical standard	N13187-250MG
Esbiol, PESTANAL [®] , analytical standard	45470-250MG
Esbiothrin, PESTANAL [®] , analytical standard	33309-100MG-R
Esfenvalerate, PESTANAL [®] , analytical standard	46277-100MG
Etaconazole, PESTANAL [®] , analytical standard	45471-250MG
Ethalfuralin, PESTANAL [®] , analytical standard	45472-250MG
Ethanethiol (ethyl mercaptan), analytical standard	506818
Ethephon, PESTANAL [®] , analytical standard	45473-250MG
Ethidimuron, PESTANAL [®] , analytical standard	45474-250MG
Ethiofencarb, PESTANAL [®] , analytical standard	45475-250MG
Ethiofencarb-sulfone, PESTANAL [®] , analytical standard	45810-10MG
Ethiofencarb-sulfoxide, PESTANAL [®] , analytical standard	45811-10MG
Ethiolat, PESTANAL [®] , analytical standard	45476-250MG
Ethion, PESTANAL [®] , analytical standard	45477-250MG
Ethiprole, PESTANAL [®] , analytical standard	33976-100MG-R
Ethirimol, PESTANAL [®] , analytical standard	45478-250MG
Ethofumesate, PESTANAL [®] , analytical standard	45479-250MG
Ethofumesate-2-keto, PESTANAL [®] , analytical standard	33888-10MG-R
Ethoprophos, PESTANAL [®] , analytical standard	45306-100MG
Ethoxyquin, PESTANAL [®] , analytical standard	31519-250MG
Ethoxyquin-(ethoxy-d5), analytical standard	79287-5MG
Ethoxysulfuron, PESTANAL [®] , analytical standard	46300-100MG-R
Ethychlozate, PESTANAL [®] , analytical standard	34085-100MG
<i>N</i> -(2-Ethylhexyl)-5-norbornene-2,3-dicarboximide, analytical standard	N12483-250MG
3-Ethylphenol, PESTANAL [®] , analytical standard	36723-1G
4-Ethylphenol, PESTANAL [®] , analytical standard	36724-1G
ETiocholanone solution, 100 µg/mL in acetonitrile, VETRANAL™, analytical standard	32833-2ML
Etobenzanid, analytical standard	77065-25MG
Etofenprox, PESTANAL [®] , analytical standard	34094-100MG
Etoazole, PESTANAL [®] , analytical standard	32506-50MG
Etridiazole, PESTANAL [®] , analytical standard	34340-100MG-R
Etridiazole, analytical standard	442590
Etrimfos, PESTANAL [®] , analytical standard	45481-250MG
Eugenol, PESTANAL [®] , analytical standard	35995-250MG
Famoxadone solution, 100 ng/µL in acetonitrile, PESTANAL [®] , analytical standard	33495-2ML-R
Famphur, PESTANAL [®] , analytical standard	34341-100MG
Famphur solution, 200 µg/mL in methylene chloride, analytical standard	48379
Febantel, VETRANAL™, analytical standard	33981-100MG-R
Fenamidone, PESTANAL [®] , analytical standard	33965-100MG-R
Fenamiosulf, PESTANAL [®] , analytical standard	45482-250MG
Fenamiphos, PESTANAL [®] , analytical standard	45483-250MG
Fenamiphos-sulfone, PESTANAL [®] , analytical standard	46292-50MG
Fenamiphos-sulfoxide, PESTANAL [®] , analytical standard	46293-100MG
Fenarimol, PESTANAL [®] , analytical standard	45484-250MG
Fenazaflor, PESTANAL [®] , analytical standard	36504-100MG
Fenazaquin, PESTANAL [®] , analytical standard	31635-100MG
Fenazox, PESTANAL [®] , analytical standard	45763-250MG-R
Fenbuconazol, analytical standard	N11950-100MG
Fenbuconazol, PESTANAL [®] , analytical standard	31654-100MG
Fenbutatin oxide, PESTANAL [®] , analytical standard	34342-250MG
Fenchlorazol-ethyl, PESTANAL [®] , analytical standard	31548-250MG 31548-50MG
Fenchlorphos, PESTANAL [®] , analytical standard	45485-100MG
Fenclorim, PESTANAL [®] , analytical standard	46005-250MG

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
Fenfuram, PESTANAL [®] , analytical standard	45486-250MG
Fenhexamid, PESTANAL [®] , analytical standard	31713-100MG
Fenhexamid-(methyl-d ₃), analytical standard	75552-5MG
Fenitrothion, PESTANAL [®] , analytical standard	45487-250MG
Fenitrothion solution, 100 ng/μL in cyclohexane, PESTANAL [®] , analytical standard	45854-2ML
Fenobucarb, PESTANAL [®] , analytical standard	45488-250MG
Fenothiocarb, PESTANAL [®] , analytical standard	32475-25MG
Fenoxanil, PESTANAL [®] , analytical standard	33872-100MG-R
Fenoxaprop, PESTANAL [®] , analytical standard	36849-100MG-R
Fenoxaprop-P, PESTANAL [®] , analytical standard	36850-100MG
Fenoxaprop-ethyl, PESTANAL [®] , analytical standard	45518-250MG
Fenoxaprop-P-ethyl, PESTANAL [®] , analytical standard	36851-250MG
Fenoxycarb, PESTANAL [®] , analytical standard	34343-250MG
Fenpiclonil, PESTANAL [®] , analytical standard	36532-250MG
Fenpropathrin, analytical standard	N11960-250MG
Fenpropathrin, PESTANAL [®] , analytical standard	31223-250MG
Fenpropidin, PESTANAL [®] , analytical standard	46017-50MG
Fenpyroximate, PESTANAL [®] , analytical standard	31684-100MG
Fenson, PESTANAL [®] , analytical standard	45489-250MG
Fensulfthion, PESTANAL [®] , analytical standard	45307-100MG
Fenthion, analytical standard	N11964-250MG
Fenthion, PESTANAL [®] , analytical standard	36552-250MG
Fenthion oxon sulfone, PESTANAL [®] , analytical standard	32373-25MG
Fenthion oxon sulfoxide, PESTANAL [®] , analytical standard	32374-25MG
Fenthion-sulfone, PESTANAL [®] , analytical standard	46023-10MG
Fenthionsulfoxide, PESTANAL [®] , analytical standard	37885-50MG
Fentin acetate, PESTANAL [®] , analytical standard	45491-250MG
Fentin chloride, PESTANAL [®] , analytical standard	45492-250MG
Fentin hydroxide, PESTANAL [®] , analytical standard	45493-250MG
Fentrazamide, PESTANAL [®] , analytical standard	37903-100MG-R
Fentrazamide Metabolite solution, 100 μg/mL in acetonitrile, PESTANAL [®] , analytical standard	33951-2ML-R
Fenuron, PESTANAL [®] , analytical standard	45494-250MG
Fenvalerate, PESTANAL [®] , analytical standard	45495-250MG
Fenvalerate-(phenoxy-d ₅), analytical standard	75711-5MG
Ferbam, PESTANAL [®] , analytical standard	45496-250MG
Ferimzone, analytical standard	74907-100MG
Fipronil, PESTANAL [®] , analytical standard	46451-100MG
Fipronil carboxamide, PESTANAL [®] , analytical standard	34519-10MG
Fipronil-desulfinyl, PESTANAL [®] , analytical standard	41865-25MG
Fipronil sulfide, PESTANAL [®] , analytical standard	34520-10MG
Fipronil sulfone, PESTANAL [®] , analytical standard	32333-50MG
Flamprop-isopropyl, PESTANAL [®] , analytical standard	45497-250MG
Flamprop-M-isopropyl, PESTANAL [®] , analytical standard	45752-250MG
Flazasulfuron, PESTANAL [®] , analytical standard	34052-50MG-R
Flocoumafen, PESTANAL [®] , analytical standard	34084-50MG
Flonicamid, PESTANAL [®] , analytical standard	32509-25MG
Flonicamid Metabolite TFNG, PESTANAL [®] , analytical standard	34566-25MG
Florasulam, PESTANAL [®] , analytical standard	32586-50MG
Fluazifop, PESTANAL [®] , analytical standard	32824-10MG
Fluazifop solution, 10 μg/mL in ethyl acetate, PESTANAL [®] , analytical standard	31285-2ML
Fluazifop-P, PESTANAL [®] , analytical standard	35372-25MG
Fluazifop-butyl, PESTANAL [®] , analytical standard	36783-250MG-R
Fluazifop-P-butyl, PESTANAL [®] , analytical standard	31712-100MG
Fluazifop-methyl, PESTANAL [®] , analytical standard	34027-50MG-R

* Name	Catalog Number
Fluazinam, PESTANAL [®] , analytical standard	34095-100MG
Fluazinam solution, 100 μg/mL in acetonitrile, PESTANAL [®] , analytical standard	46316-2ML
Fluazuron, PESTANAL [®] , analytical standard	46113-100MG-R
Flubendiamide, PESTANAL [®] , analytical standard	32801-100MG
Flubendiamide-(Ph-methyl-d ₃), analytical standard	89428-5MG
Flubenzimin, PESTANAL [®] , analytical standard	45499-250MG
Fluchloralin, PESTANAL [®] , analytical standard	45500-250MG
Flucycloxuron, PESTANAL [®] , analytical standard, mixture of (E) and (Z) isomers	32529-25MG
Flucythrinate, PESTANAL [®] , analytical standard	33496-100MG-R
Flucythrinate solution, 10 μg/mL in cyclohexane, PESTANAL [®] , analytical standard	36885-2ML-R
Fludioxonil, PESTANAL [®] , analytical standard	46102-100MG-R
Flufenacet, PESTANAL [®] , analytical standard	31718-100MG
Flufenacet-(phenyl-d ₄), analytical standard	90667-5MG
Flufenacet Metabolite FOE5043, PESTANAL [®] , analytical standard	34512-10MG
Flufenacet OA, PESTANAL [®] , analytical standard	34153-10MG
Flufenoxuron, PESTANAL [®] , analytical standard	31594-250MG
Flumequine, VETRALAN [™] , analytical standard	45735-250MG
Flumethrin, PESTANAL [®] , analytical standard	46417-100MG
Flumetralin, PESTANAL [®] , analytical standard	45501-250MG
Flumetsulam, analytical standard	42206-100MG
Flumioxazin, PESTANAL [®] , analytical standard	32525-100MG
Flumorph, PESTANAL [®] , analytical standard	37038-25MG
Fluometuron, PESTANAL [®] , analytical standard	45502-250MG 45502-50MG
Fluometuron, analytical standard	442593-U
Fluopicolide, PESTANAL [®] , analytical standard	41132-100MG
Fluopyram, PESTANAL [®] , analytical standard	32462-50MG
Fluorodifen, PESTANAL [®] , analytical standard	45506-250MG
Fluoroglycofen-ethyl, PESTANAL [®] , analytical standard	31674-250MG
Fluotrimazol, PESTANAL [®] , analytical standard	45507-250MG
Fluoxastrobin, PESTANAL [®] , analytical standard	33797-100MG
Flupyradifurone, PESTANAL [®] , analytical standard	37050-100MG
Flupyrifluron-methyl sodium, PESTANAL [®] , analytical standard	32405-25MG
Fluquinconazole, PESTANAL [®] , analytical standard	46301-100MG
Fluridon, PESTANAL [®] , analytical standard	45511-250MG
Flurochloridon, PESTANAL [®] , analytical standard	36517-100MG
Fluroxypr-1-methylheptyl ester, PESTANAL [®] , analytical standard	36780-100MG-R
Flurprimidol, PESTANAL [®] , analytical standard	32523-100MG
Flurtamone, PESTANAL [®] , analytical standard	46286-100MG
Flusilazole, PESTANAL [®] , analytical standard	45753-100MG
Fluthiacet-methyl, PESTANAL [®] , analytical standard	32464-25MG
Flutolanil, analytical standard	N12004-250MG
Flutriafol, PESTANAL [®] , analytical standard	34344-100MG
τ-Fluvalinate, analytical standard	N13263-100MG
Fluxapyroxad, PESTANAL [®] , analytical standard	37047-100MG
Fluxofenim, PESTANAL [®] , analytical standard	34387-250MG
Folpet, PESTANAL [®] , analytical standard	32057-250MG
Folpet-d ₄ , PESTANAL [®] , analytical standard	34516-10MG
Fomesafen, PESTANAL [®] , analytical standard	46325-100MG-R
Fonofos, analytical standard	N11842-100MG
Fonofos solution, 100 μg/mL in acetonitrile, PESTANAL [®] , analytical standard	33587-2ML
Foramsulfuron, PESTANAL [®] , analytical standard	33977-100MG-R
Forchlorfenuron, PESTANAL [®] , analytical standard	32974-100MG
Formetanate hydrochloride, PESTANAL [®] , analytical standard	45514-250MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
Formothion solution, ~80% in xylene, PESTANAL [®] , analytical standard	46424-250MG
Fosetyl-aluminum, technical grade	N12019-100MG
Fosthiazate, PESTANAL [®] , analytical standard	34099-50MG
Fuberidazole, PESTANAL [®] , analytical standard	45515-250MG
Furalaxyl, PESTANAL [®] , analytical standard	45516-250MG
Furathiocarb, PESTANAL [®] , analytical standard	45517-250MG
Furilazole, PESTANAL [®] , analytical standard	32431-50MG
Furmecycloz, PESTANAL [®] , analytical standard	34347-100MG
Fusarenol X solution, 100 µg/mL in acetonitrile, analytical standard	34130-2ML
Gibberellic acid, PESTANAL [®] , analytical standard	36575-250MG
Glufosinate-ammonium, PESTANAL [®] , analytical standard	45520-100MG
Glycarbamide, PESTANAL [®] , analytical standard	32458-100MG
Glyphosate, PESTANAL [®] , analytical standard	45521-250MG
Glyphosate-2- ¹³ C, analytical standard	90007-5MG
Glyphosate-2- ¹³ C, ¹⁵ N, analytical standard	90479-5MG
Guazatine acetate salt, PESTANAL [®] , analytical standard	37915-100MG-R
Guthion [®] ethyl, analytical standard	PS673
Halfenprox, PESTANAL [®] , analytical standard	37054-10MG
Halofenozide, analytical standard	68535-25MG
Halosulfuron-methyl, PESTANAL [®] , analytical standard	32918-50MG
Haloxypop, PESTANAL [®] , analytical standard	45817-100MG
Haloxypop-P, PESTANAL [®] , analytical standard	35378-25MG
Haloxypop-2-ethoxyethyl, PESTANAL [®] , analytical standard	31256-100MG
Haloxypop-methyl, PESTANAL [®] , analytical standard	45820-50MG
Haloxypop-P-methyl, PESTANAL [®] , analytical standard	33197-100MG
Haloxypop P-methyl solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	34043-2ML-R
HCH, PESTANAL [®] , analytical standard, mixture of isomers (α:β:γ:δ=1:1:1:1)	36756-250MG
α-HCH, PESTANAL [®] , analytical standard	33856-50MG
β-HCH, PESTANAL [®] , analytical standard	33376-100MG
β-HCH solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	36584-2ML
δ-HCH, PESTANAL [®] , analytical standard	33377-50MG
Heptachlor, PESTANAL [®] , analytical standard	32349-100MG
Heptachlor, analytical standard	N12147-100MG
Heptachlor solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	31211-2ML 31211-10ML
Heptachlor solution, 200 µg/mL in isooctane, analytical standard	48964
Heptachlor solution, certified reference material, 1000 µg/mL in methanol	40098
Heptachlor epoxide, analytical standard, isomer B	49042
Heptachlor endo-epoxide, PESTANAL [®] , analytical standard, isomer A	35492-50MG
Heptachlor endo-epoxide solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard, isomer A	31557-2ML
Heptachlor exo-epoxide, PESTANAL [®] , analytical standard, isomer B	34309-50MG
Heptachlor exo-epoxide solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard, isomer B	45861-2ML
Heptachlor epoxide isomer B solution, 20 µg/mL in methanol, analytical standard	48677
Heptachlor epoxide isomer B solution, certified reference material, 1000 µg/mL in methanol	40099
Heptenophos, analytical standard	41373-25MG
Hexabromobenzene, PESTANAL [®] , analytical standard	45524-250MG
Hexachlorobenzene, PESTANAL [®] , analytical standard	45522-250MG
Hexachlorobenzene- ¹³ C ₆ , analytical standard	68696-5MG
Hexachlorophene, PESTANAL [®] , analytical standard	45526-250MG

* Name	Catalog Number
Hexaconazol, PESTANAL [®] , analytical standard	34348-100MG
Hexaconazole-(butyl-2,2,3,3,4,4,4-d ₇), analytical standard	91294-5MG
Hexaflumuron, PESTANAL [®] , analytical standard	37902-100MG-R
Hexazinone, PESTANAL [®] , analytical standard	36129-100MG
Hexythiazox, PESTANAL [®] , analytical standard	33365-100MG
Hydramethylnon, PESTANAL [®] , analytical standard	35373-100MG
S-Hydroprene, PESTANAL [®] , analytical standard	46426-250MG
4-Hydroxybenzotrile, PESTANAL [®] , analytical standard	45528-250MG
6-Hydroxypyridine-3-carboxylic acid, analytical standard	19386-100MG
5-Hydroxythiabenzazole, PESTANAL [®] , analytical standard	33818-10MG
iDQuant™ Standards Kit for Pesticide	4465661-1KT
Imazalil, PESTANAL [®] , analytical standard	32007-100MG
Imazalil-(allyl-d ₅), PESTANAL [®] , analytical standard	34559-10MG
Imazalil sulfate, PESTANAL [®] , analytical standard	33997-100MG-R
Imazamethabenz-methyl, PESTANAL [®] , analytical standard	34350-100MG
Imazamox, PESTANAL [®] , analytical standard	34227-100MG
Imazapic, PESTANAL [®] , analytical standard	34179-100MG
Imazapyr, PESTANAL [®] , analytical standard	37877-100MG
Imazaquin, PESTANAL [®] , analytical standard	37878-100MG
Imazethapyr, PESTANAL [®] , analytical standard	37923-100MG-R
Imazosulfuron, PESTANAL [®] , analytical standard	32919-50MG
Imidacloprid, PESTANAL [®] , analytical standard	37894-100MG
Imidacloprid solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	46341-2ML
Imidacloprid-d ₄ , PESTANAL [®] , analytical standard	34170-10MG
2-Imidazolidinethione, PESTANAL [®] , analytical standard	45531-250MG
2-Imidazolidinethione-4,4,5,5-d ₄ , analytical standard	74131-10MG
2-Imidazolidone, PESTANAL [®] , analytical standard	31534-250MG
Imiprothrin, PESTANAL [®] , analytical standard	33442-50MG
Inabenzide, PESTANAL [®] , analytical standard	35351-10MG
Indaziflam, PESTANAL [®] , analytical standard	32096-100MG
3-Indoleacetic acid, PESTANAL [®] , analytical standard	45533-250MG
Indole-3-butyric acid, PESTANAL [®] , analytical standard	45532-250MG
Indoxacarb, PESTANAL [®] , analytical standard	33969-25MG-R
Iodosulfuron-methyl-sodium, PESTANAL [®] , analytical standard	30317-100MG-R
Ioxynil, PESTANAL [®] , analytical standard	36131-100MG
Ioxynil-methyl, PESTANAL [®] , analytical standard	36198-100MG
Ioxynil-octanoate, PESTANAL [®] , analytical standard	33381-100MG
Iprobenfos, PESTANAL [®] , analytical standard	45814-100MG
Iprodione, PESTANAL [®] , analytical standard	36132-100MG
Ipronidazole-d ₃ , VETANAL™, analytical standard	34216-10MG
Iprovalicarb, PESTANAL [®] , analytical standard	33431-100MG-R
Irgarol [®] , PESTANAL [®] , analytical standard	46105-250MG-R
Isazophos, PESTANAL [®] , analytical standard	36133-100MG
Isocarbamide, PESTANAL [®] , analytical standard	36134-100MG
Isocarbophos, PESTANAL [®] , analytical standard	37901-100MG-R
Isodrine, PESTANAL [®] , analytical standard	33389-100MG
Isufenphos solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	32860-2ML
Isufenphos-methyl, PESTANAL [®] , analytical standard	33436-50MG
Isomethiozin, PESTANAL [®] , analytical standard	36136-100MG
Isoprocab, PESTANAL [®] , analytical standard	45541-50MG
Isopropalin, PESTANAL [®] , analytical standard	36505-100MG
4-Isopropylaniline, PESTANAL [®] , analytical standard	35979-250MG
2-Isopropylthioxanthone, analytical standard	34221-50MG

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
4-Isopropylthioxanthone, analytical standard	34222-50MG
Isoproturon, analytical standard	N12279-100MG
Isoproturon, PESTANAL [®] , analytical standard	36137-100MG
Isoproturon-d ₆ , PESTANAL [®] , analytical standard	34017-10MG-R
Isopyrazam, PESTANAL [®] , analytical standard, mixture of isomers	32532-100MG
Isotianil, PESTANAL [®] , analytical standard	32524-100MG
Isoxaben, PESTANAL [®] , analytical standard	36138-100MG
Isoxadifen-ethyl, PESTANAL [®] , analytical standard	33799-100MG
Isoxaflutole, PESTANAL [®] , analytical standard	46437-100MG
Isoxathion, analytical standard	76529-25MG
Jodfenphos, PESTANAL [®] , analytical standard	45544-50MG
Karbutylate, PESTANAL [®] , analytical standard	45546-250MG
Kelevan, PESTANAL [®] , analytical standard	35493-250MG
Kresoxim-methyl, PESTANAL [®] , analytical standard	37899-100MG
Lactofen, PESTANAL [®] , analytical standard	32972-100MG
Lenacil, PESTANAL [®] , analytical standard	31112-100MG
Leptophos, PESTANAL [®] , analytical standard	33366-100MG
Lindane, PESTANAL [®] , analytical standard	45548-250MG
Linuron, PESTANAL [®] , analytical standard	36141-100MG
Linuron solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	45868-2ML
Linuron-(<i><I>methyl-$</I>$d₃, $<I>$methoxy$</I>$-d₃), PESTANAL[®], analytical standard</i>	34523-10MG
Lufenuron, PESTANAL [®] , analytical standard	31662-100MG
Malaoxon, PESTANAL [®] , analytical standard	36142-100MG
Malathion, PESTANAL [®] , analytical standard	36143-100MG
Malathion solution, 100 µg/mL in cyclohexane, PESTANAL [®] , analytical standard	31558-2ML 31558-10ML
Malathion-(<i>diethyl-d₁₀</i>), PESTANAL [®] , analytical standard	34514-10MG
Malathion diacid, PESTANAL [®] , analytical standard	34545-10MG
Malathion diacid-(<i>dimethyl-d₆</i>), PESTANAL [®] , analytical standard	34541-10MG
Maleic hydrazide, PESTANAL [®] , analytical standard	45552-250MG
Mancozeb, PESTANAL [®] , analytical standard	45553-250MG
Mandipropamid, PESTANAL [®] , analytical standard	32805-100MG
Maneb, PESTANAL [®] , analytical standard	45554-250MG
MCPA, PESTANAL [®] , analytical standard	45555-250MG
MCPA solution, 100 ng/µL in acetonitrile, PESTANAL [®] , analytical standard	45873-2ML
MCPA sodium salt monohydrate, PESTANAL [®] , analytical standard	45746-250MG
MCPA-(<i>methyl-d₃</i>), analytical standard	68405-10MG
MCPA-2-ethylhexyl ester, PESTANAL [®] , analytical standard	33394-100MG
MCPA methyl ester, PESTANAL [®] , analytical standard	36144-100MG
MCPA-thioethyl, analytical standard	94549-25MG
MCPB, PESTANAL [®] , analytical standard	36145-100MG
MCPP methyl ester solution, 2000 µg/mL in hexane, analytical standard	47986
Mecarbam, PESTANAL [®] , analytical standard	36515-100MG
Mecoprop, PESTANAL [®] , analytical standard	36147-100MG
Mecoprop-P, PESTANAL [®] , analytical standard	36773-250MG-R
Mecoprop methyl ester, PESTANAL [®] , analytical standard	36148-100MG
Mecoprop-2-octyl ester, PESTANAL [®] , analytical standard	37871-100MG
Mefenacet, PESTANAL [®] , analytical standard	36150-100MG-R
Mefenpyr-diethyl, PESTANAL [®] , analytical standard	46302-100MG
Mefluidide, analytical standard	54746-25MG
Mepaniprim, PESTANAL [®] , analytical standard	33970-50MG
Meperfluthrin, PESTANAL [®] , analytical standard	32065-25MG

* Name	Catalog Number
Mephosfolan, PESTANAL [®] , analytical standard	34352-100MG
Mepiquat chloride, PESTANAL [®] , analytical standard	36151-100MG
Mepiquat-d ₁₆ chloride, analytical standard	52485-5MG
Mepronil, PESTANAL [®] , analytical standard	33361-100MG
Mercaptodimethursulfon, analytical standard	MET12398A-50MG
Mesosulfuron-methyl, PESTANAL [®] , analytical standard	34178-100MG
Mesotrione, PESTANAL [®] , analytical standard	33855-100MG-R
Mesotrione-d ₄ (<i>benzoyl-3-d, mesyl-d₃</i>), analytical standard	78308-5MG
Metaflumizone, PESTANAL [®] , analytical standard	32966-100MG
Metalaxyl, analytical standard	N12380-100MG
Metalaxyl, PESTANAL [®] , analytical standard	32012-100MG
Metalaxyl-M, PESTANAL [®] , analytical standard	32808-100MG
Metalaxyl Metabolite CGA 62826, PESTANAL [®] , analytical standard	32398-25MG
Metaldehyde, PESTANAL [®] , analytical standard	36611-1G-R
Metamitron, PESTANAL [®] , analytical standard	36154-100MG
Metam sodium, analytical standard	N12382-250MG
Metam-sodium hydrate, PESTANAL [®] , analytical standard	45570-250MG
Metazachlor, PESTANAL [®] , analytical standard	36155-100MG
Metconazole, PESTANAL [®] , analytical standard	37909-100MG-R
Methabenzthiazuron, PESTANAL [®] , analytical standard	36156-100MG
Methacrifos, PESTANAL [®] , analytical standard	45569-100MG
Methamidophos, analytical standard	N12393-100MG
Methamidophos, PESTANAL [®] , analytical standard	33395-100MG
Methamidophos solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	46342-2ML
Methasulfocarb, PESTANAL [®] , analytical standard	32148-25MG
Methfuroxam, PESTANAL [®] , analytical standard	36157-100MG
Methidathion, analytical standard	N12397-250MG
Methidathion, PESTANAL [®] , analytical standard	36158-100MG
Methiocarb, PESTANAL [®] , analytical standard	36152-100MG
Methiocarb-(<i>N-methyl-d₃</i>), PESTANAL [®] , analytical standard	32300-10MG
Methiocarb sulfone, PESTANAL [®] , analytical standard	45729-100MG
Methiocarb sulfoxide, PESTANAL [®] , analytical standard	34177-100MG
Methomyl, PESTANAL [®] , analytical standard	36159-100MG
Methoprene, PESTANAL [®] , analytical standard	33375-100MG
Methoprotryne, PESTANAL [®] , analytical standard	31115-100MG
Methoxychlor, PESTANAL [®] , analytical standard	36161-100MG
Methoxychlor, analytical standard	49054
Methoxychlor solution, 200 µg/mL in isooctane, analytical standard	48982
Methoxychlor-d ₁₄ (<i>bis(4-methoxyphenyl-d₇)</i>), PESTANAL [®] , analytical standard	37098-10MG
Methoxyfenozide, PESTANAL [®] , analytical standard	32507-50MG
Methyl chloroacetate, PESTANAL [®] , analytical standard	36546-1G
3-Methylcholanthrene solution, 100 µg/mL in acetonitrile, analytical standard	46434-2ML-R 46434-10ML-R
Methyl dichloroacetate, PESTANAL [®] , analytical standard	36547-1G
Methyldymron, analytical standard	51615-25MG
Methyl glyphosate, analytical standard	44159-U
Methyl 4-hydroxybenzoate-(<i>ring-¹³C₆</i>), PESTANAL [®] , analytical standard	32135-10MG 32135-25MG
Methyl isothiocyanate, PESTANAL [®] , analytical standard	45576-250MG
Methyl 1-naphthaleneacetate, PESTANAL [®] , analytical standard	35746-1G
Methyl parathion	N12452-250MG
Methyl parathion solution, certified reference material, 1000 µg/mL in acetone	40572

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
Methyl-pentachlorophenylsulfide, PESTANAL [®] , analytical standard	33367-100MG
3-(Methylphosphinico)propionic acid, PESTANAL [®] , analytical standard	31264-100MG
4-(Methylsulfonyl)phenol, analytical standard	42221-50MG
Metiram, PESTANAL [®] , analytical standard	45577-250MG
Metobromuron, PESTANAL [®] , analytical standard	36162-100MG
Metolachlor, analytical standard	N12478-100MG
Metolachlor, PESTANAL [®] , analytical standard	36163-100MG
Metolachlor solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	45883-10ML
S-Metolachlor, PESTANAL [®] , analytical standard	33859-100MG-R
Metolachlor ESA sodium salt, PESTANAL [®] , analytical standard	34149-10MG
S-Metolachlor Metabolite CGA 357704, PESTANAL [®] , analytical standard	32637-100MG
S-Metolachlor Metabolite CGA 368208, PESTANAL [®] , analytical standard	32641-100MG
S-Metolachlor Metabolite CGA 37735, PESTANAL [®] , analytical standard	32645-100MG
S-Metolachlor Metabolite CGA 50267, PESTANAL [®] , analytical standard	32648-100MG
S-Metolachlor Metabolite CGA 50720, PESTANAL [®] , analytical standard	32650-100MG
S-Metolachlor Metabolite NOA 413173, PESTANAL [®] , analytical standard	32646-100MG
(E)-Metominostrobin, PESTANAL [®] , analytical standard	34230-10MG
Metoxuron, PESTANAL [®] , analytical standard	36164-100MG
Metrafenone, PESTANAL [®] , analytical standard	32964-100MG
Metribuzin, analytical standard	N12481-250MG
Metribuzin, PESTANAL [®] , analytical standard	36165-100MG
Metribuzin-(S-methyl-d ₃), analytical standard	14134-5MG
Metsulfuron-methyl, PESTANAL [®] , analytical standard	46432-100MG
Metsulfuron-methyl, analytical standard	N12482-100MG
Mevinphos, analytical standard	N13037-250MG
(Z)-Mevinphos solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	33765-2ML
(E)-Mevinphos solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	33767-2ML
MGK 264, PESTANAL [®] , analytical standard	36168-100MG
MGK 326, PESTANAL [®] , analytical standard	36169-100MG
Mirex, PESTANAL [®] , analytical standard	36170-100MG
Mirex solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	45887-10ML
Molinate, PESTANAL [®] , analytical standard	36171-100MG
Monalide, PESTANAL [®] , analytical standard	36172-100MG
Monocrotophos, PESTANAL [®] , analytical standard	36173-100MG
Monolinuron, PESTANAL [®] , analytical standard	45590-250MG
Monosodium acid methane arsonate sesquihydrate, analytical standard	N12495-100MG
Monosultap, PESTANAL [®] , analytical standard	32811-100MG
Monuron, PESTANAL [®] , analytical standard	36174-100MG
Muscalure, PESTANAL [®] , analytical standard	46449-100MG
Myclobutanil, PESTANAL [®] , analytical standard	34360-100MG
Nabam-d ₄ hexahydrate, PESTANAL [®] , analytical standard	32668-10MG
Naftalofos, PESTANAL [®] , analytical standard	34231-100MG
1-Naphthaleneacetic acid, PESTANAL [®] , analytical standard	35745-1G
1-Naphthol, PESTANAL [®] , analytical standard	31097-1G
1-Naphthylacetamide, PESTANAL [®] , analytical standard	36732-1G
Napropamid, PESTANAL [®] , analytical standard	36175-100MG
(±)-Naproxen-(methoxy-d ₃), VETRANAL™, analytical standard	32104-10MG

* Name	Catalog Number
Naptalam, PESTANAL [®] , analytical standard	33371-100MG
Naptalam, analytical standard	N12507-250MG
Neburon, PESTANAL [®] , analytical standard	36176-100MG
Nicosamide monohydrate, PESTANAL [®] , analytical standard	36177-100MG
Nicosulfuron, PESTANAL [®] , analytical standard	34210-100MG-R
(-)-Nicotine, PESTANAL [®] , analytical standard	36733-1G
(-)-Nicotine solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	46343-10ML
Nitenpyram, PESTANAL [®] , analytical standard	46077-100MG
Nitralin, PESTANAL [®] , analytical standard	36178-100MG
Nitrapyrin, PESTANAL [®] , analytical standard	33372-100MG
Nitrofen, analytical standard	N12663-100MG
Nitrofen, PESTANAL [®] , analytical standard	33374-100MG
Nitrofen-(nitrophenyl-d ₄), analytical standard	68458-10MG
4-Nitrophenol, PESTANAL [®] , analytical standard	35836-1G
4-Nitrophenol sodium salt dihydrate, PESTANAL [®] , analytical standard	36612-1G-R
Nitrothal-isopropyl, PESTANAL [®] , analytical standard	36179-100MG
cis-Nonachlor solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	36845-2ML
cis-Nonachlor solution, 100 µg/mL in hexane, analytical standard	48138
trans-Nonachlor solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	36846-2ML
trans-Nonachlor solution, 100 µg/mL in hexane, analytical standard	48137
Nonylphenol, PESTANAL [®] , analytical standard, technical mixture	46018-1G
4-Nonylphenol, PESTANAL [®] , analytical standard	46405-100MG
Norflurazon, PESTANAL [®] , analytical standard	34364-100MG
Norflurazon, analytical standard	N12668-100MG
Novaluron, PESTANAL [®] , analytical standard	32419-25MG
Nuarimol, PESTANAL [®] , analytical standard	31116-100MG
Octachloronaphthalene solution, 10 µg/mL in cyclohexane, PESTANAL [®] , analytical standard	36935-2ML-R
2-Octyl-4-isothiazolin-3-one, PESTANAL [®] , analytical standard	46078-250MG-R
Ofurace, PESTANAL [®] , analytical standard	46143-100MG-R
Omethoate, analytical standard	N12726-100MG
Omethoate, PESTANAL [®] , analytical standard	36181-100MG
Orbencarb, PESTANAL [®] , analytical standard	33362-100MG
Orthosulfamuron, PESTANAL [®] , analytical standard	32427-50MG
Oryastrobin, PESTANAL [®] , analytical standard	32428-100MG
Oryzalin, PESTANAL [®] , analytical standard	36182-100MG
Oxabetrinil, PESTANAL [®] , analytical standard	36183-100MG
Oxadiazyl, PESTANAL [®] , analytical standard	33966-100MG-R
Oxadiazon, PESTANAL [®] , analytical standard	33382-100MG
Oxadixyl, PESTANAL [®] , analytical standard	34365-100MG
Oxamyl, PESTANAL [®] , analytical standard	36184-100MG
Oxamyl, analytical standard	442730
Oxasulfuron, PESTANAL [®] , analytical standard	46416-100MG
Oxycarboxine, PESTANAL [®] , analytical standard	36185-100MG
Oxydemeton-methyl, analytical standard	N12741-50MG
Oxyfluorfen, PESTANAL [®] , analytical standard	35031-100MG
Oxyfluorfen	N12742-250MG
Paclobutrazol, PESTANAL [®] , analytical standard	46046-250MG
Paraoxon-ethyl, PESTANAL [®] , analytical standard	36186-100MG
Paraoxon-methyl, analytical standard	N11775-100MG
Paraoxon-methyl, PESTANAL [®] , analytical standard	46192-100MG-R
Paraquat dichloride hydrate, PESTANAL [®] , analytical standard	36541-100MG

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
Paraquat dichloride-(<i>rings-d₈</i>) hydrate, analytical standard	50636-5MG
Paraquat diiodide-(<i>dimethyl-d₈</i>), PESTANAL [®] , analytical standard	34557-25MG
Parathion, PESTANAL [®] , analytical standard	45607-100MG
Parathion, analytical standard	49062
Parathion solution, 100 µg/mL in cyclohexane, PESTANAL [®] , analytical standard	45890-2ML
Parathion-ethyl- <i>d₁₀</i> , PESTANAL [®] , analytical standard	33452-10MG-R
Parathion-methyl, analytical standard	49055
Parathion-methyl, PESTANAL [®] , analytical standard	36187-100MG
Parathion-methyl solution, 100 µg/mL in cyclohexane, PESTANAL [®] , analytical standard	45891-2ML-R
Parathion-methyl- <i>d₆</i> (<i>dimethyl-d₆</i>), analytical standard	94093-5MG
PCB No 156 solution, 100 µg/mL in hexane, analytical standard	33710-2ML
Pebulat, PESTANAL [®] , analytical standard	36188-100MG
Penconazol, PESTANAL [®] , analytical standard	36189-100MG
Pencycuron, PESTANAL [®] , analytical standard	31118-100MG
Pendimethalin, PESTANAL [®] , analytical standard	36191-100MG
Pendimethalin solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	45892-2ML
Penflufen, PESTANAL [®] , analytical standard	37049-100MG
Penoxsulam, PESTANAL [®] , analytical standard	32094-25MG
Pentachloroaniline, PESTANAL [®] , analytical standard	46012-100MG
2,3,4,5,6-Pentachloroanisole, analytical standard	N12826-1G
Pentachlorobenzene, PESTANAL [®] , analytical standard	35886-1G
Pentachlorophenol solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	36594-2ML
Pentachlorophenyl acetate, PESTANAL [®] , analytical standard	35550-100MG
Pentachlorothiophenol, analytical standard	MET12159B-100MG
Pentachlor solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	32861-2ML
Penthiopyrad, PESTANAL [®] , analytical standard	32064-25MG
Permethrin, PESTANAL [®] , analytical standard	45614-250MG
<i>cis</i> -Permethrin, analytical standard	N11483-50MG
<i>cis</i> -Permethrin solution, 10 µg/mL in cyclohexane, PESTANAL [®] , analytical standard	36892-2ML
<i>trans</i> -Permethrin solution, 10 µg/mL in cyclohexane, PESTANAL [®] , analytical standard	36893-2ML
Permethrin (isomers), analytical standard	442748
Permethrin (isomers) solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	45893-2ML-R
Permethrin (isomers) solution, <i>cis/trans</i> isomers, 1000 µg/mL in methanol, analytical standard	47956
Perthan, PESTANAL [®] , analytical standard	45615-250MG
Pesticide standard 17 solution, PESTANAL [®] , analytical standard, according to DIN 38407, in acetonitrile	36978-2ML
Pethoxamid, PESTANAL [®] , analytical standard	32528-50MG
Phenmedipham, PESTANAL [®] , analytical standard	36192-100MG
Phenmedipham-(<i>methoxy-d₃</i>), PESTANAL [®] , analytical standard	34515-10MG
Phenmedipham-ethyl, PESTANAL [®] , analytical standard	37079-25MG
Phenol, PESTANAL [®] , analytical standard	35952-500MG 35952-1G
Phenol solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	46344-2ML 46344-10ML
Phenothrin, PESTANAL [®] , analytical standard	36193-100MG
Phenoxyacetic acid, PESTANAL [®] , analytical standard	34366-250MG
Phenthoate, PESTANAL [®] , analytical standard	31611-100MG
Phenylmercury chloride, PESTANAL [®] , analytical standard	45619-250MG
2-Phenylphenol, PESTANAL [®] , analytical standard	45529-250MG

* Name	Catalog Number
4-Phenylphenol, analytical standard	506842
Phorate, PESTANAL [®] , analytical standard	33388-100MG
Phorat-sulfone, PESTANAL [®] , analytical standard	46031-100MG
Phorat-sulfoxide, PESTANAL [®] , analytical standard	45762-100MG-R
Phosalone, analytical standard	N13036-100MG
Phosalone, PESTANAL [®] , analytical standard	36194-100MG
Phosfolan, analytical standard	N13038-100MG
Phosmet, PESTANAL [®] , analytical standard	36195-100MG
Phosphamidon, PESTANAL [®] , analytical standard	45622-100MG
Phoxim, PESTANAL [®] , analytical standard	36197-100MG
Phthalimide, PESTANAL [®] , analytical standard	36734-1G
Picloram, PESTANAL [®] , analytical standard	36774-250MG-R
Picolinafen, PESTANAL [®] , analytical standard	37912-100MG-R
Picoxystrobin, PESTANAL [®] , analytical standard	33658-100MG-R
Picric acid solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	46209-10ML
Pindone, PESTANAL [®] , analytical standard	45625-250MG
Piperonylbutoxide, PESTANAL [®] , analytical standard	45626-100MG
Piperonylbutoxide-(<i>butyl-d₉</i>), analytical standard	73879-10MG
Piperophos, PESTANAL [®] , analytical standard	46011-250MG
Pirimicarb, PESTANAL [®] , analytical standard	45627-250MG
Pirimicarb- <i>d₆</i> , PESTANAL [®] , analytical standard	34209-10MG-R
Pirimiphos-ethyl, PESTANAL [®] , analytical standard	45628-250MG
Pirimiphos-methyl, PESTANAL [®] , analytical standard	32058-250MG
Piroctone olamine, analytical standard	51872-100MG
Plifenat, PESTANAL [®] , analytical standard	36569-25MG-R
Posaconazole, VETRANAL [™] , analytical standard	32103-25MG
Potassium clavulanate, VETRANAL [™] , analytical standard	33454-100MG
Prallethrin, PESTANAL [®] , analytical standard	32917-100MG
Pretilachlor, PESTANAL [®] , analytical standard	31251-250MG
Prochloraz, PESTANAL [®] , analytical standard	45631-250MG
Prochloraz-(<i>ethylene-d₄</i>), analytical standard	68367-10MG
Prochloraz Metabolite BTS40348, PESTANAL [®] , analytical standard	34508-10MG
Prochloraz Metabolite BTS44595, PESTANAL [®] , analytical standard	34507-10MG
Prochloraz Metabolite BTS44596, PESTANAL [®] , analytical standard	34522-10MG
Procymidone, PESTANAL [®] , analytical standard	36640-250MG-R
Prodiamine solution, 10 µg/mL in cyclohexane, PESTANAL [®] , analytical standard	46454-10ML
Profenofos, PESTANAL [®] , analytical standard	45632-250MG
Profenofos-(<i>phenyl-d₃</i>), analytical standard	68326-10MG
Profluralin, PESTANAL [®] , analytical standard	45633-250MG
Profoxydim lithium salt, PESTANAL [®] , analytical standard	33698-100MG-R
Prohexadione-Calcium, PESTANAL [®] , analytical standard	31720-100MG
Promecarb, PESTANAL [®] , analytical standard	45634-50MG
Prometon, PESTANAL [®] , analytical standard	45635-50MG
Prometon, analytical standard	49086
Prometryn, analytical standard	N13103-1G
Prometryn, PESTANAL [®] , analytical standard	45636-50MG
Prometryn, analytical standard	49087
Prometryn solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	31561-2ML
Pronamide (Kerb), analytical standard	442764
Propachlor, PESTANAL [®] , analytical standard	45637-250MG
Propachlor, analytical standard	442765
Propachlor OA, PESTANAL [®] , analytical standard	34151-10MG
Propamocarb, PESTANAL [®] , analytical standard	45638-250MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
Propamocarb-(<i>propyl-d</i> ₇), analytical standard	80757-5MG
Propanil, PESTANAL [®] , analytical standard	45639-250MG
Propaquizafop, PESTANAL [®] , analytical standard	31572-250MG
Propargite, analytical standard	N12727-100MG
Propargite, PESTANAL [®] , analytical standard, technical mixture	32051-100MG
Propazine, PESTANAL [®] , analytical standard	45640-250MG
Propazine, analytical standard, ampule of 100 mg	49088
Propazine solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	36587-2ML
Propetamphos, PESTANAL [®] , analytical standard	34371-100MG
Propham, PESTANAL [®] , analytical standard	45641-50MG
Propham solution, 100 ng/µL in methanol, PESTANAL [®] , analytical standard	45898-2ML-R
Propiconazole, analytical standard	N13576-250MG
Propiconazole, PESTANAL [®] , analytical standard	45642-250MG
Propiconazole solution, 100 ng/µL in methanol, PESTANAL [®] , analytical standard	45899-10ML
Propiconazole-(<i>phenyl-d</i> ₃), analytical standard	55833-5MG
Propineb, PESTANAL [®] , analytical standard	45643-250MG
Propisochlor, PESTANAL [®] , analytical standard	34056-50MG-R
Propoxur, PESTANAL [®] , analytical standard	45644-250MG
Propoxycarbazone sodium salt, PESTANAL [®] , analytical standard	33985-100MG-R
Propylene thiourea, PESTANAL [®] , analytical standard	32949-25MG
Propyzamide, PESTANAL [®] , analytical standard	45645-250MG
Proquinazid, PESTANAL [®] , analytical standard	32508-50MG
Prosulfocarb, PESTANAL [®] , analytical standard	31141-250MG
Prosulfuron, PESTANAL [®] , analytical standard	31666-100MG
Prothioconazole, PESTANAL [®] , analytical standard	34232-100MG
Prothioconazole-desthio, PESTANAL [®] , analytical standard	32429-20MG
Prothiofos, PESTANAL [®] , analytical standard	45311-50MG
Pymetrozin, PESTANAL [®] , analytical standard	46119-250MG-R
Pyracarbolid, PESTANAL [®] , analytical standard	45646-250MG
Pyraclufos, analytical standard	N13142-10MG
Pyraclostrobin, PESTANAL [®] , analytical standard	33696-100MG-R
Pyraclostrobin-(<i>N-methoxy-d</i> ₃), analytical standard	78937-5MG
Pyraflufen-ethyl, PESTANAL [®] , analytical standard	35346-10MG
Pyranocoumarin, PESTANAL [®] , analytical standard	45647-250MG
Pyrasulfotole, PESTANAL [®] , analytical standard	32973-100MG
Pyrazophos, PESTANAL [®] , analytical standard	45648-250MG
Pyrazosulfuron-ethyl, PESTANAL [®] , analytical standard	46323-100MG-R
Pyrazoxyfen, PESTANAL [®] , analytical standard	32437-50MG
Pyrethroid Standard mixture, PESTANAL [®] , analytical standard	33417-2ML-R
Pyrethrum, analytical standard	N13151-100MG
Pyrethrum extract, PESTANAL [®] , analytical standard	33739-100MG
Pyribencarb, PESTANAL [®] , analytical standard	37051-25MG
Z-Pyribencarb, PESTANAL [®] , analytical standard	32346-10MG
Pyributicarb, analytical standard	92842-100MG
Pyridaben, PESTANAL [®] , analytical standard	46047-25MG-R
Pyridafol, analytical standard	92974-25MG
Pyridaphenthion, PESTANAL [®] , analytical standard	32538-100MG
Pyridaphenthion solution, 10 ng/µL in ethyl acetate, PESTANAL [®] , analytical standard	36895-2ML
Pyridat, analytical standard	N13155-500MG
Pyridat, PESTANAL [®] , analytical standard	45312-250MG
Pyrifenoxy, PESTANAL [®] , analytical standard	45737-100MG
Pyriflitalid, PESTANAL [®] , analytical standard	33694-100MG-R
Pyrimethanil, PESTANAL [®] , analytical standard	31577S-50MG 31577-250MG

* Name	Catalog Number
Pyrimethanil-(<i>phenyl-d</i> ₅), analytical standard	75761-5MG
Pyrimidifen, PESTANAL [®] , analytical standard	35999-10MG
Pyroquilon, PESTANAL [®] , analytical standard	45650-250MG
Quinalphos, PESTANAL [®] , analytical standard	45651-100MG
Quinchlorac, PESTANAL [®] , analytical standard	36521-250MG
Quinmerac, PESTANAL [®] , analytical standard	36522-250MG
Quinoclamine, PESTANAL [®] , analytical standard	32719-100MG
8-Quinololinol, PESTANAL [®] , analytical standard	36524-250MG
8-Quinololinol hemisulfate salt hemihydrate, PESTANAL [®] , analytical standard	31143-250MG
Quinoxifen, PESTANAL [®] , analytical standard	46439-100MG
Quintozene, PESTANAL [®] , analytical standard	45653S-50MG 45653-250MG
Quizalofop, analytical standard	MET13174A-50MG
Quizalofop-p, PESTANAL [®] , analytical standard	33822-100MG
Quizalofop-ethyl, analytical standard	N13174-100MG
Quizalofop-ethyl, PESTANAL [®] , analytical standard	34306-50MG
Quizalofop- <i>p</i> -ethyl, PESTANAL [®] , analytical standard	34074-100MG
Quizalofop- <i>p</i> -tefuryl solution, 100 ng/µL in acetonitrile, PESTANAL [®] , analytical standard	33942-2ML
Reserpine-(3',4',5'- <i>trimethoxy-d</i> ₃), VETRANAL [™] , analytical standard	32106-10MG
Resmethrin, PESTANAL [®] , analytical standard	45655-250MG
Rimsulfuron, PESTANAL [®] , analytical standard	31658-100MG
Ronidazole- <i>d</i> ₃ , VETRANAL [™] , analytical standard	34217-10MG
Rotenone, PESTANAL [®] , analytical standard	45656-250MG
S 421, PESTANAL [®] , analytical standard	45657-250MG
Saflufenacil, PESTANAL [®] , analytical standard	32435-100MG
Sebuthylazin-desethyl, PESTANAL [®] , analytical standard	36511-250MG
Secbumeton, PESTANAL [®] , analytical standard	45658-250MG
Sethoxydim, PESTANAL [®] , analytical standard	36795-10MG
Siduron, PESTANAL [®] , analytical standard	34373-50MG
Silaflufen, PESTANAL [®] , analytical standard	31574-50MG
Silthiofame, PESTANAL [®] , analytical standard	32498-25MG
Silvex [®] , analytical standard	49117
Silvex [®] solution, 5000 µg/mL in methanol, analytical standard	40552
Simazine, PESTANAL [®] , analytical standard	32059-250MG
Simazine, analytical standard	49089
Simazine solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	36588-2ML
Simazine- <i>d</i> ₁₀ , PESTANAL [®] , analytical standard	34054-10MG-R
Simeconazole, PESTANAL [®] , analytical standard	35369-25MG
Simeton, PESTANAL [®] , analytical standard	32072-25MG
Simetryn, PESTANAL [®] , analytical standard	45660-250MG
Sodium diethyldithiocarbamate trihydrate, PESTANAL [®] , analytical standard	34399-100MG
Sodium sulfate, for pesticide residue analysis	35896-500G 35896-2.5KG
Spinosad, PESTANAL [®] , analytical standard	33706-50MG
Spirodiclofen, PESTANAL [®] , analytical standard	33654-100MG-R
Spiromesifen, PESTANAL [®] , analytical standard	33599-100MG
Spiromesifen Metabolite M01, PESTANAL [®] , analytical standard	30482-10MG
Spirotetramat, PESTANAL [®] , analytical standard	32713-100MG
Spirotetramat Metabolite BYI08330- <i>cis</i> -enol, PESTANAL [®] , analytical standard	32484-10MG
Spirotetramat Metabolite BYI08330 enol-gluco-side, PESTANAL [®] , analytical standard	32487-10MG
Spirotetramat Metabolite BYI08330- <i>cis</i> -keto-hydroxy, PESTANAL [®] , analytical standard	32485-10MG
Spirotetramat Metabolite BYI08330-mono-hydroxy, PESTANAL [®] , analytical standard	32486-10MG

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
Spiroxamine, PESTANAL [®] , analytical standard	46443-100MG
Strychnine, PESTANAL [®] , analytical standard	45661-250MG
Sulcofuron-sodium monohydrate, PESTANAL [®] , analytical standard	46076-250MG
Sulcotrione, PESTANAL [®] , analytical standard	46318-100MG
Sulfaquinoxaline, analytical standard	N13251-10MG
Sulfaquinoxaline, PESTANAL [®] , analytical standard	45662-250MG
Sulfuramid, analytical standard	91242-25MG
Sulfometuron methyl, analytical standard	N13254-100MG
Sulfometuron methyl, PESTANAL [®] , analytical standard	34224-100MG
Sulfosulfuron, PESTANAL [®] , analytical standard	33307-100MG
Sulfotep, PESTANAL [®] , analytical standard	45664-100MG
Sulfur, PESTANAL [®] , analytical standard	36576-250MG
Sulprofos, PESTANAL [®] , analytical standard	45665-250MG
Swep, PESTANAL [®] , analytical standard	45666-250MG
2,4,5-T, PESTANAL [®] , analytical standard	45667-250MG
2,4,5-T solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	46367-2ML
2,4,5-T methyl ester solution, 200 µg/mL in hexane, analytical standard	47988
2,4,5-T-2-methylpropyl ester, PESTANAL [®] , analytical standard	45711-250MG
TBPP, PESTANAL [®] , analytical standard	34188-100MG
TBTC, PESTANAL [®] , analytical standard	45713-250MG
TCPP, mixture of isomers, analytical standard	32952-100MG
TDCPP, analytical standard	32951-100MG
TDCPP-d ₁₅ , analytical standard	78827-5MG
Tebuconazole, PESTANAL [®] , analytical standard	32013-250MG
Tebuconazole-(<i>tert</i> -butyl-d ₉), analytical standard	55639-5MG
Tebuconazole-(<i>trimethyl</i> - ¹³ C ₃), analytical standard	43293-5MG
Tebufenozide, PESTANAL [®] , analytical standard	31652-100MG
Tebupirimfos, PESTANAL [®] , analytical standard	31599-100MG
Tebutam, PESTANAL [®] , analytical standard	36566-250MG
Tebuthiuron, PESTANAL [®] , analytical standard	45671-250MG
Tecnazene, PESTANAL [®] , analytical standard	45672-250MG
Teflubenzuron, PESTANAL [®] , analytical standard	45756-250MG-R
Tefluthrin, PESTANAL [®] , analytical standard	35548-100MG
Telodrin solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	32371-2ML
Tembotrione, PESTANAL [®] , analytical standard	32766-100MG
Tembotrione metabolite AE 1417268, PESTANAL [®] , analytical standard	32584-25MG
Temphos, analytical standard	N10996-100MG
Temphos, PESTANAL [®] , analytical standard	31526-250MG
TEPP, PESTANAL [®] , analytical standard	32434-50MG
Tepraloxymid, PESTANAL [®] , analytical standard	46331-100MG
Terbacil, PESTANAL [®] , analytical standard	45675-250MG
Terbufos, PESTANAL [®] , analytical standard	45313-100MG
Terbufos-sulfone, PESTANAL [®] , analytical standard	31580-50MG
Terbufos-sulfoxide, PESTANAL [®] , analytical standard	46044-100MG-R 46044-50MG-R
Terbumeton, PESTANAL [®] , analytical standard	31527-250MG
Terbumeton-desethyl, PESTANAL [®] , analytical standard	36514-250MG
Terbuthylazin-desethyl, PESTANAL [®] , analytical standard	31229-250MG
Terbuthylazine, analytical standard	N13512-50MG
Terbuthylazine, PESTANAL [®] , analytical standard	45678-250MG-R
Terbutol, analytical standard	N13513-100MG
Terbutryn, PESTANAL [®] , analytical standard	45677-250MG
Terbutryn solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	45904-2ML

* Name	Catalog Number
Terbutryn-(<i><I>S</i> -methyl- <i></I></i> -d ₃), analytical standard	59603-10MG
Terbutylazine-2-hydroxy, PESTANAL [®] , analytical standard	46019-100MG
1,2,3,4-Tetrachlorobenzene, PESTANAL [®] , analytical standard	46014-100MG
1,2,3,5-Tetrachlorobenzene, PESTANAL [®] , analytical standard	36928-250MG
1,2,4,5-Tetrachlorobenzene, PESTANAL [®] , analytical standard	34379-250MG
2,3,4,6-Tetrachlorophenol solution, 100 µg/mL in methanol, PESTANAL [®] , analytical standard	45907-2ML
2,3,5,6-Tetrachlorophenol, PESTANAL [®] , analytical standard	36518-10MG
2,4,5,6-Tetrachloro- <i>m</i> -xylene, analytical standard	442298
2,4,5,6-Tetrachloro- <i>m</i> -xylene solution, certified reference material, 200 µg/mL in methanol	48317
Tetraconazole, PESTANAL [®] , analytical standard	37087-100MG
Tetradifon, analytical standard	N13539-250MG
Tetradifon, PESTANAL [®] , analytical standard	45680-250MG
Tetraethyl pyrophosphate, analytical standard	N13543-500MG
Tetramethrin, PESTANAL [®] , analytical standard	45681-250MG-R
Thallium(I) sulfate, PESTANAL [®] , analytical standard	45683-250MG
Thiabendazole, PESTANAL [®] , analytical standard	45684-250MG
Thiacloprid, PESTANAL [®] , analytical standard	37905-100MG-R
Thiacloprid-(<i>thiazolidin</i> ring-d ₄), analytical standard	30673-10MG
Thiacloprid-amide, PESTANAL [®] , analytical standard	33897-100MG-R
Thiamethoxam, PESTANAL [®] , analytical standard	37924-100MG-R
Thiamethoxam-d ₃ , PESTANAL [®] , analytical standard	38176-25MG
Thidiazuron, PESTANAL [®] , analytical standard	45686-250MG
Thidiazuron-(<i>phenyl</i> -d ₅), analytical standard	30696-10MG
Thiencarbazone-methyl, PESTANAL [®] , analytical standard	32721-100MG
Thifensulfuron-methyl, PESTANAL [®] , analytical standard	46028-100MG
Thifensulfuron-methyl-(<i>methoxycarbonyl</i> -d ₃), analytical standard	75713-5MG
Thifluzamide, analytical standard	49792-100MG
Thiobencarb, PESTANAL [®] , analytical standard	45687-250MG
Thiocyclam hydrogenoxalate, PESTANAL [®] , analytical standard	31716-100MG
Thiodicarb, analytical standard	N13568-250MG
Thiodicarb, PESTANAL [®] , analytical standard	34375-250MG
Thiofanox, PESTANAL [®] , analytical standard	45314-100MG 45314-25MG
Thiofanox-sulfoxide, PESTANAL [®] , analytical standard	31551-100MG
Thiometon in Shellsol, PESTANAL [®] , analytical standard	31681-250MG
Thionazin, PESTANAL [®] , analytical standard	33941-50MG
Thionazin solution, 100 µg/mL in acetonitrile, PESTANAL [®] , analytical standard	33854-2ML-R
Thiophanate-methyl, PESTANAL [®] , analytical standard	45688-250MG
Thiosultap disodium, PESTANAL [®] , analytical standard	32994-100MG
Thiram, PESTANAL [®] , analytical standard	45689-250MG
Tiadinil, analytical standard	30698-100MG
Tokuthion, technical grade, pkg of 50 mg	442804
Tolclofos-methyl, PESTANAL [®] , analytical standard	31209-250MG
Tolfenpyrad, PESTANAL [®] , analytical standard	37043-25MG
Tolyfluanid, PESTANAL [®] , analytical standard	32060-250MG
Topramezone, PESTANAL [®] , analytical standard	34225-100MG
Toxaphene, analytical standard	N13586-250MG
Toxaphene solution, certified reference material, 1000 µg/mL in isoctane	48103
Toxaphene solution, 2000 µg/mL in methanol, analytical standard	48700-U

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Pesticides

* Name	Catalog Number
Toxaphene solution, certified reference material, 5000 µg/mL in methanol	40111
Toxaphene solution, analytical standard, 200 µg/mL in isooctane, ampule of 1 mL	47616-U
Traloxoydim, PESTANAL®, analytical standard	36536-250MG
Tralomehrin, PESTANAL®, analytical standard, mixture of diastereomers	32531-50MG
Transfluthrin, PESTANAL®, analytical standard	46114-250MG
Triadimefon, PESTANAL®, analytical standard	45693-250MG
Triadimefon, analytical standard	442818
Triadimenol, PESTANAL®, analytical standard	46138-250MG
Triadimenol A, PESTANAL®, analytical standard	45694-250MG
Triadimenol-(4-chlorophenoxy-d ₄), analytical standard	89947-5MG
Triafamone, PESTANAL®, analytical standard	34552-50MG
Triallat, analytical standard	N13628-1G
Triallat, PESTANAL®, analytical standard	45695-250MG
Triasulfuron, PESTANAL®, analytical standard	33383-100MG
Triazamate, analytical standard	68723-100MG
Triaziflam, analytical standard	51077-25MG
Triazophos, PESTANAL®, analytical standard	45696-50MG
Triazophos-(phenyl-d ₅), analytical standard	43232-10MG
Triazoxid, PESTANAL®, analytical standard	33373-100MG
Tribenuron-methyl, PESTANAL®, analytical standard	46013-100MG
2,4,6-Tribromoanisole, PESTANAL®, analytical standard	33489-100MG-R
1,2,4-Tributyl phosphorothioate, analytical standard	N13194-250MG
Trichlorfon, PESTANAL®, analytical standard	45698-250MG-R 45698-50MG-R
Trichlorfon	N11843-1G
Trichlorfon-(dimethyl-d ₂), analytical standard	74913-10MG
2,4,5-Trichloroaniline, PESTANAL®, analytical standard	35828-1G
2,4,6-Trichloroaniline, PESTANAL®, analytical standard	35996-250MG
2,3,4-Trichloroanisole, PESTANAL®, analytical standard	33412-100MG-R
2,3,6-Trichloroanisole, PESTANAL®, analytical standard	36625-25MG
2,4,6-Trichloroanisole, PESTANAL®, analytical standard	34384-100MG
2,4,6-Trichloroanisole-d ₅ , PESTANAL®, analytical standard	34023-50MG-R
1,2,3-Trichlorobenzene, PESTANAL®, analytical standard	36742-1G
1,2,4-Trichlorobenzene, PESTANAL®, analytical standard	36627-1G
1,3,5-Trichlorobenzene, PESTANAL®, analytical standard	36555-250MG
1,1,1-Trichloro-2-methyl-2-propanol hemihydrate, PESTANAL®, analytical standard	36681-1G
Trichloronate, analytical standard	N13657-100MG
2,3,4-Trichlorophenol, PESTANAL®, analytical standard	33393-50MG
2,3,5-Trichlorophenol solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	34112-2ML
2,3,6-Trichlorophenol, PESTANAL®, analytical standard	36745-250MG
2,4,5-Trichlorophenol, PESTANAL®, analytical standard	36513-250MG
2,4,6-Trichlorophenol, PESTANAL®, analytical standard	36543-250MG 36543-1G
2-(2,4,5-Trichlorophenoxy)propionic acid, PESTANAL®, analytical standard	45691-250MG
3,5,6-Trichloro-2-pyridinol, PESTANAL®, analytical standard	33972-100MG-R
Triclopyr, PESTANAL®, analytical standard	32016-250MG

* Name	Catalog Number
Triclopyr 2-butoxyethylester, PESTANAL®, analytical standard	36538-100MG
Triclosan-methyl, analytical standard	34228-50MG
Tricyclazol, PESTANAL®, analytical standard	45808-10MG
Tridemorph, PESTANAL®, analytical standard	36199-100MG
Trietazine, PESTANAL®, analytical standard	31761-100MG
Trifloxystrobin, PESTANAL®, analytical standard	46447-100MG
Trifloxystrobin Metabolite CGA 321113, PESTANAL®, analytical standard	34518-10MG
Trifloxysulfuron sodium salt, PESTANAL®, analytical standard	33672-100MG-R
Triflumizole, PESTANAL®, analytical standard	32611-100MG
Triflumuron, PESTANAL®, analytical standard	35029-100MG
Trifluralin, analytical standard	N13689-1G
Trifluralin, PESTANAL®, analytical standard	32061-250MG
Trifluralin solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	45913-2ML
Trifluralin-(dipropyl-d ₁₄), PESTANAL®, analytical standard	34538-10MG
Triflusulfuron-methyl, PESTANAL®, analytical standard	31717-100MG
Triforin, PESTANAL®, analytical standard	45701-250MG
2,3,5-Trimethylphenol, PESTANAL®, analytical standard	34308-250MG
2,4,6-Trimethylphenol, PESTANAL®, analytical standard	35998-250MG
Trimethyltin chloride, PESTANAL®, analytical standard	34377-250MG
Trinexapac-ethyl, PESTANAL®, analytical standard	37898-100MG-R
Triticonazole, PESTANAL®, analytical standard	34172-100MG
Tritosulfuron, PESTANAL®, analytical standard	33873-100MG-R
Uniconazole, analytical standard	19701-25MG
Uniconazole, PESTANAL®, analytical standard	37044-50MG
Valifenalate, PESTANAL®, analytical standard	37078-25MG
Vamidothion solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	32931-2ML
Vernolat, PESTANAL®, analytical standard	45704-250MG-R
Vinclozolin, PESTANAL®, analytical standard	45705-250MG
Warfarin™, PESTANAL®, analytical standard	45706-250MG-R
(Z)-Metominostrobin, PESTANAL®, analytical standard	34229-10MG
Zineb, PESTANAL®, analytical standard	45707-250MG
Ziram, PESTANAL®, analytical standard	45708-250MG
Zoxamide, PESTANAL®, analytical standard	32501-50MG

Solid Waste

* Name	Catalog Number
Acid Herbicide Mix, in methanol (varied), analytical standard	46861-U
Acid Herbicide Spiking Mix 2, analytical standard, in acetone (varied)	861259
Acids Surrogate Spike Mix, certified reference material, 2000 µg/mL each component in methanol	48875
8270 Acid Surrogate Mix 1	861376
8270 Acid Surrogate Mix 1, 2000 µg/mL in methanol, analytical standard	861249
Acrolein/Acrylonitrile Mix, certified reference material, 2000 µg/mL each component in H ₂ O	46870-U
Acrolein/Acrylonitrile Mix, 10,000 µg/mL in deionized water, analytical standard	46871-U
Acrolein/Acrylonitrile Mix, analytical standard	456870-U
8270 Add-On Mix 2, analytical standard, 2000 µg/mL each component in methylene chloride, ampule of 1 mL	861354
2-Amino-4,6-dinitrotoluene solution, certified reference material, 1000 µg/mL in acetonitrile	47749-U

Standards for Routine Analytical Applications

Environmental Standards: Solid Waste

* Name	Catalog Number
4-Amino-2,6-dinitrotoluene solution, certified reference material, 1000 µg/mL in acetonitrile	47750
8270 Appendix IX Supplemental Mix 2, 2000 µg/mL each component in methylene chloride: benzene (4:1), analytical standard	861141
Aramite, certified reference material, 2000 µg/mL in methylene chloride, ampule of 1 mL	861176
Aroclor Spike Mix, 100 µg/mL each component in acetone, analytical standard	861274
Aroclor Standard Mix 1, certified reference material, in acetone: methanol (2:3) (varied)	46846-U
Benzoic Acid, 2000 µg/mL in methylene chloride, analytical standard	8561336
8260 Calibration Mix 2A, analytical standard, 2000 µg/mL each component in methanol, ampule of 1 mL	861208
Chloroprene solution, analytical standard, 2000 µg/mL in methanol	85S61145
Chloroprene solution, 2000 µg/mL in methanol, analytical standard	861145
CLP OLM04 SV Mix (2nd Lot), certified reference material, 2000 µg/mL each component, ampule of 2 mL	861231
2,4-DCAA Acid Spike Mix, 100 µg/mL in acetone, analytical standard	861271
1,3-Dinitrobenzene, analytical standard	442244
1,4-Dinitrobenzene, analytical standard	442250
2,4-Dinitrotoluene solution, 1000 µg/mL in acetonitrile, analytical standard	47747
2,6-Dinitrotoluene solution, 1000 µg/mL in acetonitrile, analytical standard	47748-U
EPA 1311 Base-Neutrals Mix, 1000 µg/mL each component in acetone, analytical standard	48947
EPA 624 Calibration Mix 1, analytical standard, 2000 µg/mL each component in methanol (varied)	8561311
EPA 624 Calibration Mix 1, 2000 µg/mL each component in methanol (varied), analytical standard	861311
EPA 625/8270C SV Surrogate Spike Mix with Indicator, analytical standard	44671-U
EPA 8010 Halogenated VOC Mix 1, certified reference material, 2000 µg/mL each component in methanol	48224
EPA 8010 Halogenated VOC Mix 2, 2000 µg/mL each component in methanol, analytical standard	48395
EPA 8010 Surrogate Mix, 2000 µg/mL each component in methanol, analytical standard	48234-4X1ML
EPA 8020/8240 Aromatic Volatiles Mix, certified reference material, 100 µg/mL each component in methanol	47504
EPA 8020B Aromatic Volatile Organics Mix 1, certified reference material, 2000 µg/mL each component in methanol	48226-U
EPA 8040A Phenol Calibration Mix, 500 µg/mL each component in isopropanol, analytical standard	47899
EPA 8040A Phenols Mix, 2000 µg/mL each component in isopropanol, analytical standard	48235-U
EPA 8040B Phenols Mix, 2000 µg/mL each component in isopropanol, analytical standard	48238
EPA 8040 Surrogate Standard Mix, 2000 µg/mL each component in isopropanol, analytical standard	47951
EPA 8080/8270 Pesticide Surrogate Mix, analytical standard, 2000 µg/mL each component in hexane: toluene (1:1)	47903
EPA 8080 Pesticides Mix, certified reference material, each component in hexane: toluene (1:1) (varied)	47913
EPA 8080 Spiking Mix, in methanol (varied), analytical standard	47614-U
EPA 8080 System Evaluation Mix, 5 µg/mL each component in methanol, analytical standard	47395
EPA 8100 PAH Additional Components Mix, certified reference material, 1000 µg/mL in methylene chloride	44694-U
EPA 8150 Herbicide Methyl Derivatives Mix, certified reference material, in hexane (varied conc.)	47375

* Name	Catalog Number
EPA 8151 Herbicide acid mix, in acetone (varied), analytical standard	48996-U
EPA 8151 Methylated herbicide mix, in acetone (varied), analytical standard	48997-U
EPA 8240/8260 VOA Internal Standards Mix, certified reference material, 1000 µg/mL each component in methanol	48835
EPA 8240/8260 VOA Surrogate Spike Mix, certified reference material, 1000 µg/mL each component in methanol	48101
EPA 8240B/8260A Calibration Check Compounds, analytical standard, 2000 µg/mL each component in methanol	47385-U
EPA 8240B/8260A Calibration Check Compounds, analytical standard	457385
EPA 8240B/8260A GC-MS tuning mix, certified reference material, 25 µg/mL in methanol	47414
EPA 8240B/8260A GC-MS Tuning Mix, certified reference material, 25 µg/mL in methanol	47077
EPA 8240B/8260A Matrix Spike Mix, certified reference material, 2500 µg/mL each component in methanol	47411-U
EPA 8240B/8260A Matrix Spike Mix, certified reference material, 25 µg/mL each component in methanol, ampule of 1 mL	47075-U
EPA 8240B/8260A System Performance Check Compounds, 2000 µg/mL each component in methanol, analytical standard	47389
EPA 8240B Calibration Mix 6, 2000 µg/mL each component in methanol, analytical standard	48256
EPA 8240B Calibration Mix 7, 2000 µg/mL each component in methanol, analytical standard	48257
EPA 8240B Calibration Standard Mix 1, 2000 µg/mL each component in methanol, analytical standard	47363
EPA 8240B Calibration Standard Mix 2, certified reference material, 2000 µg/mL each component in methanol: water (4:1)	47364
EPA 8240B Calibration Standard Mix 3, 2000 µg/mL each component in methanol, analytical standard	47365
EPA 8240B Calibration Standard Mix 4, 2000 µg/mL each component in methanol, analytical standard	47366
EPA 8260A Internal Standards Mix 1	47776
EPA 8260A Internal Standards Mix 1, 25 µg/mL each component in methanol, analytical standard	47777
EPA 8260A Surrogate Standards Mix, 250 µg/mL each component in methanol, analytical standard	47779
EPA 8260A Surrogate Standards Mix, certified reference material, 2000 µg/mL each component in methanol	47778
EPA 8260 Calib. Mix 5, in methanol: water (85:15) (varied), analytical standard	861298
EPA 8260 Calibration Mix 1, certified reference material, 2000 µg/mL each component in methanol	861339
EPA 8260 Calibration Mix 2, analytical standard	456831-U
EPA 8260 Calibration Mix 2, analytical standard, 2000 µg/mL each component in methanol: water (19:1)	46831-U
EPA 8260 Calibration Mix 3, in methanol (varied conc.), analytical standard	868084
EPA 8260 Calibration Mix 1 Low, in methanol (varied conc.), analytical standard	861326
EPA 8260 Internal Standard Mix 2, certified reference material, 250 µg/mL each component in methanol	861184
EPA 8260 Internal Standards Mix, 2500 µg/mL each component in methanol, analytical standard	861299
EPA 8260 Internal Standards Mix 1, certified reference material, 2500 µg/mL in methanol	46838-U
EPA 8260 Internal Standards Mix HC, certified reference material, 10000 µg/mL in methanol	47082-U
EPA 8260 Ketones Mix, certified reference material, in methanol: water (3:7) (varied)	861149
EPA 8260 Mix 5, analytical standard, in methanol: water (9:1) (varied)	8561323

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Solid Waste

* Name	Catalog Number
EPA 8260 Mix 5, in methanol: water (19:1) (varied), analytical standard	861323
EPA 8260 Mix 6, analytical standard, in methanol (varied)	8561309
EPA 8260 Surrogate Standard Mix, certified reference material, 2000 µg/mL each component in methanol	48959
EPA 8260 Surrogate Standards Mix 2, 250 µg/mL each component in methanol, analytical standard	46842-U
EPA 8260 Surrogate Standards Mix 2, 250 µg/mL each component in methanol, analytical standard	861185
EPA 8260 Surrogate Std. Mix, 2500 µg/mL each component in methanol, analytical standard	861135
EPA 8260 Volatile Calibration Kit, analytical standard	47442-U
EPA 8260 Volatiles Calibration Mix, certified reference material, 2000 µg/mL each component in methanol	500607
EPA 8270A Acids Calibration Check Compounds, 2000 µg/mL each component in methylene chloride, analytical standard	47386
EPA 8270A Base-Neutrals Mix, 2000 µg/mL each component in methanol, analytical standard	48470
EPA 8270 Acid Calibration Mix 2, certified reference material, 2000 µg/mL each component in methylene chloride	861220
EPA 8270 Acid Calibration Mix 2, 2000 µg/mL each component in methylene chloride, analytical standard	861214
EPA 8270 Acids Matrix Spiking Solution, 1000 µg/mL each component in methanol, analytical standard	47423
EPA 8270 Acids Matrix Spiking Solution, 2000 µg/mL each component in methanol, analytical standard	502308
EPA 8270 Acids Surrogate Spike Mix, 1000 µg/mL each component in methanol, analytical standard	47619-U
EPA 8270 Acids Surrogate Spike Mix HC, certified reference material, 10 mg/mL each component in methanol, ampule of 1 mL	47260-U
EPA 8270/Appendix IX Nitrosamines Mix, certified reference material, 2000 µg/mL each component in methanol	502138
EPA 8270/Appendix IX Semivolatile Calibration Mix, 1000 µg/mL each component in methylene chloride, analytical standard	506567
EPA 8270/APP IX SemivolCalib Mix, certified reference material, 1000 µg/mL each component in methylene chloride	456701-U
EPA 8270 Base Neutral Calibration Mix 1, 50-1000 µg/mL in methylene chloride (varied), analytical standard	861212
EPA 8270 Base Neutral Calibration Mix 2, certified reference material, 2000 µg/mL each component in dichloromethane	861216
EPA 8270 Base Neutral Calibration Mix 2 (2nd Lot), 2000 µg/mL each component in methylene chloride, analytical standard	861217
EPA 8270 Base-Neutrals Calibration Check Mix, 2000 µg/mL each component in methylene chloride, analytical standard	48464
EPA 8270 Base/Neutrals Matrix Spike Mix, 100 µg/mL each component in methanol, analytical standard	47420-U
EPA 8270 Base/Neutrals Matrix Spike Mix, 500 µg/mL each component in methanol, analytical standard	47421
EPA 8270 Base/Neutrals Mix B, certified reference material, 2000 µg/mL each component in methanol	48195
EPA 8270 Base/Neutrals Surrogate Spike Mix, 500 µg/mL each component in methylene chloride, analytical standard	47417
EPA 8270 Base/Neutrals Surrogate Spike Mix HC, certified reference material, 5000 µg/mL each component in methylene chloride	47263
EPA 8270 Base Neutral Surrogate Mix 1, 2000 µg/mL each component in methylene chloride: benzene (1:1), analytical standard	861252
EPA 8270 Base-Neutral Surrogate Spike Mix, certified reference material, 1000 µg/mL each component in methylene chloride	48925

* Name	Catalog Number
EPA 8270 Base Neutral Surrogate Mix 1, 5000 µg/mL each component in methylene chloride, analytical standard	861377
EPA 8270B System Performance Check Compounds, certified reference material, 1000 µg/mL each component in methylene chloride	47390-U
EPA 8270 Calibration Mix 1, 1000 µg/mL each component in methylene chloride: benzene (3:1), analytical standard	5M00720
EPA 8270 Calibration Mix 4, certified reference material, 2000 µg/mL each component in methylene chloride	8561148
EPA 8270 Calibration Mix 5	861215
EPA 8270 Calibration Mix 6, certified reference material, 1000 µg/mL each component in methylene chloride	861304
EPA 8270C Base-Neutrals Mix, 2000 µg/mL each component in methanol: acetone (9:1), analytical standard	48472
EPA 8270 Chlorinated Hydrocarbons Mix, 2000 µg/mL each component in methylene chloride, analytical standard	47926
EPA 8270D Base-Neutral Mix, 2000 µg/mL each component in hexane: acetone (4:1), analytical standard	48478
EPA 8270 GC-MS Tuning Solution, 50 µg/mL in methylene chloride, analytical standard	47415
EPA 8270 GC-MS Tuning Solution II, certified reference material, 1000 µg/mL each component in methylene chloride	47548-U
EPA 8270 Herbicide Ester Mix, 2000 µg/mL each component in hexane, analytical standard	48474
EPA 8270 Internal Standard Mix 2, 2000 µg/mL each component in methylene chloride: benzene (1:1), analytical standard	861238
EPA 8270 LCS Mix 1, 100 µg/mL each component in acetone: methylene chloride (9:1), analytical standard	46853-U
EPA 8270 LCS Mix, High Concentration, 200 µg/mL each component in methanol: benzene: methylene chloride (80:1.25:18.75), analytical standard	40032-U
EPA 8270 Matrix Spike Mix, certified reference material, in methanol (varied conc.)	46854-U
EPA 8270 Nitrosamines Mix, certified reference material, 2000 µg/mL each component in methanol	48489
EPA 8270 Organophosphorus Pesticide Mix 2, 2000 µg/mL each component in methylene chloride, analytical standard	47908
EPA 8270 Organophosphorus Pesticides Mix, certified reference material, 2000 µg/mL each component in hexane: acetone (80:20)	48469
EPA 8270 Phenols Mix, certified reference material, 2000 µg/mL each component in isopropanol	47377
EPA 8270 Phenols Mix 2, certified reference material, 2000 µg/mL each component in methylene chloride	47909
EPA 8270 Semivolatile Acid/Base Surrogate Spike (Low), certified reference material, in methanol: methylene chloride (98:2) (varied conc.)	861143
EPA 8270 Semivolatile Internal Standard Mix, certified reference material, 2000 µg/mL each component in methylene chloride, ampule of 25 mL	46866-U
EPA 8330 Mix A, 100 µg/mL each component in acetonitrile, analytical standard	47283
EPA Acid Calibration Mix 1, certified reference material, 2000 µg/mL each component in methylene chloride	861213
EPA Appendix IX Organochlorine Pesticides Mix, 2000 µg/mL each component in hexane: toluene (1:1), analytical standard	46960-U
EPA Appendix IX Volatiles Calibration Mix, 2000 µg/mL each component in methanol, analytical standard	506532
EPA APP IX Supplemental Mix 1 SS, analytical standard	456704-U
EPA Chlorinated Hydrocarbon Mix, certified reference material, 2000 µg/mL each component in hexane	48229

Standards for Routine Analytical Applications

Environmental Standards: Solid Waste

* Name	Catalog Number
EPA CLP Organochlorine Pesticides Mix SS, 1x1mL, Tol:Hex(50-50), 2000µg/mL, certified reference material, 2000 µg/mL each component in hexane: toluene (1:1), Separate Source	4S7426-U
EPA CLP Semivolatile Calibration Mix, certified reference material, 1000 µg/mL each component in methylene chloride: benzene (3:1)	506508
EPA CLP Semivolatile Calibration Mix SS, 1000 µg/mL each component in methylene chloride: benzene (3:1), analytical standard	5S06508
EPA CLP Semivolatiles Surrogate Standards Mix, certified reference material, 4000 µg/mL each component in methylene chloride	46824-U
EPA CLP SOW OLM04 Semi-Volatile Mix solution, certified reference material, 2000 µg/mL each component in methylene chloride	47514-U
EPA CLP SOW OLM04 Semi-Volatile Mix solution, analytical standard	4S7514-U
EPA CLP SOW OLM04 Volatiles Mix, 2000 µg/mL each component in methanol, analytical standard	47513-U
EPA CLP VOA Internal Spiking Solution, certified reference material, 2000 µg/mL each component in methanol	47568-U
EPA CLP Volatile Mix 1, 1000 µg/mL in methanol: water (19:1), analytical standard	47547-U
EPA CLP Volatiles Calibration Mix A, 2000 µg/mL each component in methanol, analytical standard	47566-U
EPA Nitroaromatics/Cyclo Ketones Mix, 2000 µg/mL each component in hexane: acetone (94:6), analytical standard	48227
EPA OLM04 Pesticide Standard Mix A-1, in hexane: toluene (99:1) (varied), analytical standard	47977
EPA OLM04 Pesticide Standard Mix B-1, in hexane: toluene (99.5:0.5) (varied), analytical standard	47978
EPA OLM04 Pesticide Standard Mix A, certified reference material, in hexane: toluene (49:1) (varied)	48796
EPA Pesticide Standard Mix B, in hexane: toluene (99:1) (varied), analytical standard	48196
EPA Semivolatile Acids Matrix Spike Mix, 2000 µg/mL each component in methanol, analytical standard	48878
EPA TCL Base-Neutrals Mix, certified reference material, 2000 µg/mL each component in methylene chloride	47991-U
EPA TCL Base/Neutrals Mix 1, certified reference material, 2000 µg/mL each component in methylene chloride	48900-U
EPA TCL Base/Neutrals Mix 1, 2000 µg/mL each component in methylene chloride, analytical standard	4S8900
EPA TCL Base/Neutrals Mix 2, certified reference material	48120-U
EPA TCL Base/Neutrals Mix 2	4S8120
EPA TCL Hazardous Substances Mix 1, analytical standard	4S8907
EPA TCL Hazardous Substances Mix 1, certified reference material, 2000 µg/mL each component in methylene chloride	48907
EPA TCL Hazardous Substances Mix 2, analytical standard, 2000 µg/mL each component in methylene chloride	4S8908
EPA TCL Hazardous Substances Mix 2, certified reference material, 2000 µg/mL each component in methylene chloride	48908
EPA TCL Hazardous Substances Mix (12 cmpds), certified reference material, 2000 µg/mL each component in methylene chloride	47990-U
EPA TCLP Acids Mix, certified reference material, 1000 µg/mL each component in methanol	48142
EPA TCLP Base Neutral Dichlorobenzene, 1000 µg/mL each component in acetone, analytical standard	47989-U
EPA TCL Pesticides Mix, analytical standard, 2000 µg/mL each component in hexane: toluene (1:1)	4S8913
EPA TCL Pesticides Mix, certified reference material, 2000 µg/mL each component in hexane: toluene (1:1)	48913

* Name	Catalog Number
EPA TCL Phenols/Benzidines Mix, certified reference material, 2000 µg/mL each component in methylene chloride	47992-U
EPA TCL Phenols Mix, certified reference material, 2000 µg/mL each component in methylene chloride	4S8904
EPA TCL Phenols Mix, certified reference material, 2000 µg/mL each component in methylene chloride	48904
EPA TCLP Herbicides Mix, certified reference material, 1000 µg/mL each component in acetonitrile	48141
EPA TCLP Mix 1, analytical standard, 2000 µg/mL each component in methane, ampule of 5 × 1 mL	861426-U
EPA TCLP Pesticides Mix, 1000 µg/mL each component in methanol, analytical standard	48139
EPA TCLP Volatiles Mix, in methanol (varied), analytical standard	48143
EPA TCL Volatiles Mix 1, certified reference material, 2000 µg/mL each component in methanol: water (9:1)	4S8949
EPA TCL Volatiles Mix 2, 2000 µg/mL each component in methanol, analytical standard	48452
EPA TCL Volatiles Mix 3, 2000 µg/mL each component in methanol, analytical standard	48453
EPA TCL Volatiles Mix 4, 2000 µg/mL each component in methanol, analytical standard	48957
EPA TCL Volatiles Mix 5, 2000 µg/mL each component in methanol, analytical standard	48455
EPA VOA Extract Screening Mix 1, certified reference material, 1000 µg/mL each component in methanol	48247-U
EPA VOA Matrix Spike Mix, 1000 µg/mL each component in methanol, analytical standard	48102
EPA VOC Mix 6, 2000 µg/mL each component in methanol, analytical standard	47408
EPA Volatile Organics Surrogate Spike Mix, certified reference material, 250 µg/mL each component in methanol	48876
EPN Mix, certified reference material, 100 µg/mL in methanol	861359
Famphur Mix, certified reference material, ampule of 5 × 1 mL, 100 µg/mL in methanol	861358
GPC Calibration Mix A, in methylene chloride (varied), analytical standard	48424
8260 Internal Standards Mix 2, 250 µg/mL each component in methanol, analytical standard	46839-U
Iodomethane, 2000 µg/mL in methanol: water (4:1), analytical standard	5S06052
Iodomethane solution, certified reference material, 2000 µg/mL in methanol: water (4:1)	506052
Methyl Herbicide Mix, in hexane (varied conc.), analytical standard	861264
Mirex, certified reference material, 1000 µg/mL in acetone	861428-U
3-Nitrotoluene, analytical standard	442394
3-Nitrotoluene solution, 1000 µg/mL in acetonitrile, analytical standard	47241
4-Nitrotoluene solution, 1000 µg/mL in acetonitrile, analytical standard	47242
OP Pesticide Spike Mix, 1000 µg/mL each component in acetone, analytical standard	8S61268
Organophosphate (OP) Pesticide Mix, certified reference material, 100 µg/mL each component in hexane	861237
Organophosphate (OP) Pesticide Mix 2, certified reference material, 1000 µg/mL each component in acetone	861283
PAH Mix 3, certified reference material, in methylene chloride: methanol (1:1) (varied)	861291
Pesticide-HC Calibration Standards Kit, analytical standard	48114
Pesticide Mix A-2, certified reference material, in hexane: toluene (99:1) (varied)	46862-U
Pesticide Performance Evaluation Mix-A, in hexane: toluene (99:1) (varied), analytical standard	47975

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Solid Waste

* Name	Catalog Number
Pesticide Resolution Check Mix, in hexane: toluene (99:1) (varied), analytical standard	48276-U
Pesticides Matrix Spike Mix, in methanol (varied), analytical standard	48458
Pesticides Matrix Spiking Mix, in methanol (varied), analytical standard	48449
Pesticide Surrogate Mix, certified reference material, 200 µg/mL each component in acetone	861284
Pesticide Surrogate Spike Mix, certified reference material, 10 µg/mL each component in acetone	861275
Pesticide Surrogate Spike Mix, 0.4 µg/mL each component in acetone, analytical standard	861177
Phenols Mix 1, in isopropanol (varied conc.), analytical standard	861253
Polynuclear Aromatic Hydrocarbons Mix, certified reference material, 2000 µg/mL each component in methylene chloride: benzene (1:1)	458905
QTM Volatile Halocarbons Mix, 2000 µg/mL each component in methanol, analytical standard	48001
Semivolatiles Acids Surrogate Spike Mix, certified reference material, 10000 µg/mL each component in methanol	47261
Semivolatiles Base-Neutrals Matrix Spike Mix A, 1000 µg/mL each component in methanol, analytical standard	48100-U
Semivolatiles Base-Neutrals Matrix Spike Mix B, certified reference material, 1000 µg/mL each component in methylene chloride	48869
Semivolatiles Base/Neutrals Surrogate Spike Mix, 1000 µg/mL each component in methylene chloride, analytical standard	48935
Semivolatiles Base/Neutrals Surrogate Spike Mix, certified reference material, 5000 µg/mL each component in methylene chloride	47262
8260 Surrogate Spike Mix, analytical standard, 2500 µg/mL each component in methanol, ampule of 5 x 1 mL	861300
1,3,5-Trinitrobenzene, analytical standard, wetted material	442237
1,3,5-Trinitrobenzene solution, certified reference material, 1000 µg/mL in acetonitrile	47243

Volatiles & Semi-Volatiles

* Name	Catalog Number
Acenaphthene, analytical standard	48500-U
Acenaphthene solution, certified reference material, 200 µg/mL in methanol	48643
Acenaphthene-d ₁₀ , analytical standard	442432
Acenaphthene-d ₁₀ solution, 2000 µg/mL in methanol, analytical standard	48093
Acenaphthene-d ₁₀ solution, certified reference material, 2000 µg/mL in methylene chloride	48417
Acenaphthylene, analytical standard	48566
Acetaldehyde solution, natural, 50 wt. % in ethanol, analytical standard	36392-5ML
3-Acetamidophenol, analytical standard	19374-100MG
Acetoin, analytical standard	40127-U
Acetone, analytical standard	90872-5ML-F 90872-10ML-F
Acetone solution, certified reference material, 2000 µg/mL in methanol: water (9:1)	48358
Acetophenone, analytical standard	42163-1ML-F 42163-5ML-F
Acetophenone solution, certified reference material, 2000 µg/mL in methylene chloride	48292
Acetophenone solution, 5000 µg/mL in methanol, analytical standard	40411-U
2-Acetylpyridine, analytical standard	61803-1ML-F
Acrolein, analytical standard	458501

* Name	Catalog Number
Acrylamide, analytical standard	23701-100MG-F
Acrylonitrile, analytical standard	31564-5ML
Acrylonitrile solution, certified reference material, 5000 µg/mL in methanol	40003
Alcohol Standard Solution, 1 mg/mL in H ₂ O, analytical standard, NIST-traceable	33961-1SET-R
Alcohol Standard Solution, 4 mg/mL in H ₂ O, analytical standard, NIST-traceable	33964-1SET-R
Alkylphenol Internal Standard Mix 7-solution for DIN EN ISO 18857-2, in acetone, analytical standard	33627-10ML
Alkylphenol Kit for DIN EN ISO 18857-2, analytical standard	33629-1EA
Alkylphenol Target Analyte Mix solution for DIN EN ISO 18857-2, in acetone, analytical standard	33623-10ML
Allyl alcohol, analytical standard	442445-U
4-Aminoazobenzene, analytical standard	46130-250MG-R
o-Aminoazotoluene, analytical standard	31629-250MG
4-Aminobiphenyl, analytical standard	31598-250MG
4-Amino-2-nitrophenol, analytical standard	45946-250MG
tert-Amyl methyl ether, analytical standard	442794
tert-Amyl methyl ether solution, certified reference material, 2000 µg/mL in methanol	506737
5-α-Androstane solution, 2000 µg/mL in methylene chloride, certified reference material	48168
Aniline, analytical standard	51788-1ML-F 51788-5ML-F
Aniline solution, certified reference material, 5000 µg/mL in methanol	40542
Aniline solution, 2000 µg/mL in methanol, analytical standard	48030-U
Aniline-2,3,4,5,6-d ₅ , analytical standard	442454
Aniline-2,3,4,5,6-d ₅ solution, certified reference material, 2000 µg/mL in methylene chloride	48788
p-Anisaldehyde, analytical standard	97063-1ML-F 97063-5ML-F
o-Anisidine, analytical standard	31597-250MG
Anisole, analytical standard	96109-5ML-F 96109-10ML-F
Anthracene, analytical standard	31581-250MG
Anthracene, analytical standard	48567
Anthracene solution, certified reference material, 1000 µg/mL in acetone	40076
Anthracene solution, certified reference material, 200 µg/mL in methanol	48647
Anthracene-d ₁₀ , analytical standard	442456
Anthracene-d ₁₀ solution, certified reference material, 2000 µg/mL in methylene chloride	48863
Anthranilic acid isopropylamide, analytical standard	36941-250MG
Aroclor 1232, analytical standard, for environmental analysis	48588
Azobenzene, analytical standard	442465
Azobenzene solution, 2000 µg/mL in methanol, analytical standard	47959
Azodicarboxamide, analytical reference material	79997-50MG
Azulene, analytical standard	37879-50MG
BDE No 1, analytical standard	43691-10MG
BDE No 3 solution, 50 µg/mL in isooctane, analytical standard	33661-1ML
BDE No 15 solution, 50 µg/mL in isooctane, analytical standard	33662-1ML
BDE No 28 solution, 50 µg/mL in isooctane, analytical standard	33663-1ML
BDE No 36 solution, 50 µg/mL in isooctane, analytical standard	33664-1ML
BDE No 47 solution, 50 µg/mL in isooctane, analytical standard	33670-1ML

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
BDE No 49 solution, 50 µg/mL in isooctane, analytical standard	33671-1ML
BDE No 66 solution, 50 µg/mL in isooctane, analytical standard	34119-1ML
BDE No 71 solution, 50 µg/mL in isooctane, analytical standard	34118-1ML
BDE No 77 solution, 50 µg/mL in isooctane, analytical standard	34115-1ML
BDE No 85 solution, 50 µg/mL in isooctane, analytical standard	34114-1ML
BDE No 99, analytical standard	42235-10MG
BDE No 99 solution, 50 µg/mL in isooctane, analytical standard	33676-1ML
BDE No 100 solution, 50 µg/mL in isooctane, analytical standard	33681-1ML
BDE No 119 solution, 50 µg/mL in isooctane, analytical standard	34121-1ML
BDE No 126 solution, 50 µg/mL in isooctane, analytical standard	33682-1ML
BDE No 138 solution, 50 µg/mL in isooctane, analytical standard	34122-1ML
BDE No 153 solution, 50 µg/mL in isooctane, analytical standard	33683-1ML
BDE No 154 solution, 50 µg/mL in isooctane, analytical standard	33684-1ML
BDE No 181 solution, 50 µg/mL in isooctane, analytical standard	33685-1ML
BDE No 183 solution, 50 µg/mL in isooctane, analytical standard	33686-1ML
BDE No 203 solution, 50 µg/mL in isooctane, analytical standard	33687-1ML
BDE No 205 solution, 50 µg/mL in isooctane, analytical standard	33688-1ML
BDE No 206 solution, 50 µg/mL in isooctane, analytical standard	33689-1ML
BDE No 209 solution, 50 µg/mL in isooctane:toluene (9:1), analytical standard	34120-1ML
Bemotrizinol, analytical standard	51825-25MG
Benzanilide, analytical standard	442470
Benz[a]anthracene, analytical standard	48563
Benz[a]anthracene solution, 100 ng/µL in cyclohexane, analytical standard	36956-2ML
Benz[a]anthracene solution, certified reference material, 200 µg/mL in methylene chloride	48651
Benz[a]anthracene solution, certified reference material, 1000 µg/mL in methanol	40070-U
Benz[a]anthracene-d ₁₂ , analytical standard	442468
Benz[a]anthracene-d ₁₂ solution, certified reference material, 2000 µg/mL in methylene chloride	48789
Benzene, analytical standard	12540-5ML-F 12540-50ML-F
Benzene solution, certified reference material, TraceCERT®, 200 µg/mL in methanol	CRM48617
Benzene-d ₆ solution, certified reference material, 2000 µg/mL in methanol	48940-U
Benzidine, analytical standard	31614-100MG
Benzidine solution, certified reference material, 5000 µg/mL in methanol	40005
Benzidine-DFTPP Standard, in methylene chloride (varied), analytical standard	48727
1,2-Benzisothiazol-3(2H)-one, analytical standard	75169-100MG
Benzo[b]fluoranthene, analytical standard	48490
Benzo[b]fluoranthene solution, 100 µg/mL in cyclohexane, analytical standard	36955-2ML-R
Benzo[b]fluoranthene solution, certified reference material, 200 µg/mL in methanol	48637
Benzo[b]fluoranthene solution, certified reference material, 1000 µg/mL in acetone	40072
Benzo[k]fluoranthene, analytical standard	48492

* Name	Catalog Number
Benzo[k]fluoranthene solution, 200 µg/mL in methylene chloride, certified reference material	48668
Benzo[k]fluoranthene solution, certified reference material, 1000 µg/mL in acetone	40073
Benzoic acid solution, 200 µg/mL in methylene chloride, analytical standard	48323
Benzo[ghi]perylene, analytical standard	48491
Benzo[ghi]perylene solution, certified reference material, 200 µg/mL in methylene chloride	48667
Benzophenone, analytical standard	442842
Benzophenone-9, analytical standard	94257-25MG
Benzo[a]pyrene, analytical standard, for environmental analysis	48564
Benzo[a]pyrene solution, 100 µg/mL in cyclohexane, analytical standard	31306-2ML 31306-10ML
Benzo[a]pyrene-d ₁₂ , analytical standard	442847
Benzo[e]pyrene, analytical standard	442475
Benzo[e]pyrene solution, 100 µg/mL in cyclohexane, analytical standard	36962-2ML
Benzotriazole, analytical standard	76457-50MG
1H-Benzotriazole-(ring-d ₄) solution, 10 µg/mL in acetone, analytical standard	32565-5ML
1H-Benzotriazole-(ring-d ₄) solution, 50 µg/mL in acetone, analytical standard	32566-1ML
Benzyl acetate, analytical standard	50475-1ML 50475-5ML
Benzyl alcohol solution, certified reference material, 2000 µg/mL in methylene chloride	47509-U
Benzylamine, analytical standard	442483
Benzyl butyl phthalate, analytical standard	36927-250MG
Benzyl butyl phthalate, analytical standard	442503
Biphenyl, analytical standard	442487
Biphenyl solution, certified reference material, 2000 µg/mL in methanol	48161
Bis(2-chloroethyl)ether solution, 5000 µg/mL in methanol, analytical standard	40016
Bis(2-chloroisopropyl) ether, analytical standard	48498
Bis(2-chloroisopropyl) ether solution, certified reference material, 5000 µg/mL in methanol	40040-U
Bis(2-ethylhexyl) adipate, analytical standard	442492
Bis(2-ethylhexyl) isophthalate, analytical standard	91344-100MG
Bis(2-ethylhexyl) phthalate solution, certified reference material, 2000 µg/mL in methanol	47994
Bis(methylglycol) phthalate, analytical standard	36934-250MG
Bis(4-methylpentyl)phthalate, analytical standard	41260-100MG
Bisotrizole, analytical standard	30184-100MG
Bisphenol A-d ₁₆ , analytical standard	442876
1,2-Bis(2,4,6-tribromophenoxy)ethane, analytical standard	91251-50MG
Bromacil, analytical standard	442493
Bromoacetic acid solution, certified reference material, 1000 µg/mL in methyl tert-butyl ether	47655-U
Bromobenzene, analytical standard	442495
Bromobenzene solution, certified reference material, 5000 µg/mL in methanol	40406-U
Bromochloroacetic acid, analytical standard	442496-U
Bromochloroacetic acid solution, 1000 µg/mL in methyl tert-butyl ether, analytical standard	47659-U
1-Bromo-2-chlorobenzene, analytical standard	442333
1-Bromo-2-chlorobenzene solution, 750 µg/mL in methanol, analytical standard	47487
1-Bromo-4-chlorobenzene, analytical standard	442403
Bromochloromethane, analytical standard	442498
Bromochloromethane solution, certified reference material, 2000 µg/mL in methanol	48067

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
2-Bromo-1-chloropropane solution, certified reference material, 2000 µg/mL in methanol	48088
2-Bromo-1-chloropropane solution, 20,000 µg/mL in methanol, analytical standard	48713
Bromodichloroacetic acid, analytical standard	442499
Bromodichloroacetic acid solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	47278
Bromodichloromethane, amylene stabilized, analytical standard	36970-1G
Bromodichloromethane, analytical standard	48540-U
Bromodichloromethane solution, certified reference material, 200 µg/mL in methanol	48615
Bromodichloromethane solution, certified reference material, 5000 µg/mL in methanol	40046
2-Bromoethanol, analytical standard	442334
2-Bromoethanol solution, certified reference material, 2000 µg/mL in toluene	48874
1-Bromo-4-fluorobenzene, analytical standard	442404
1-Bromo-4-fluorobenzene solution, certified reference material, 1000 µg/mL in methanol	47937
1-Bromo-4-fluorobenzene solution, certified reference material, 2000 µg/mL in methanol	48083
1-Bromo-4-fluorobenzene solution, certified reference material, 25,000 µg/mL in methanol	48800
Bromoform, amylene stabilized, analytical standard	36972-1G
Bromoform solution, certified reference material, 5000 µg/mL in methanol	40212
Bromomethane solution, 200 µg/mL in methanol, analytical standard	48624
4-Bromophenol, analytical standard	442405
2-Bromopropionic acid solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	47645
1,3-Butadiene diepoxide, analytical standard	90474-250MG
2,3-Butanedione, analytical standard	11038-1ML-F 11038-5ML-F
<i>tert</i> -Butanol, analytical standard	50621-1ML-F 50621-5ML-F
1-Butanol, analytical standard	19422-5ML
1-Butanol, analytical standard	442665
2-Butanol, analytical standard	96870-1ML-F 96870-10ML-F
2-Butanone solution, certified reference material, 2000 µg/mL in methanol: water (9:1)	48877
<i>n</i> -Butyl acetate, analytical standard	442666-U
Butylbenzene, analytical standard	19600-5ML 19600-10ML
Butylbenzene, analytical standard	47322 47322-5X1G
<i>n</i> -Butylbenzene solution, 5000 µg/mL in methanol, analytical standard	41105
<i>sec</i> -Butylbenzene, analytical standard	19620-5ML 19620-10ML
<i>sec</i> -Butylbenzene solution, 5000 µg/mL in methanol, analytical standard	41104
<i>tert</i> -Butylbenzene, analytical standard	19640-5ML
Butyl benzoate, analytical standard	442667
<i>tert</i> -Butyl ethyl ether, analytical standard	442795
Butyl 4-hydroxybenzoate-ring- ¹³ C ₆ solution, 10 µg/mL in acetone, analytical standard	32563-5ML
Butyl 4-hydroxybenzoate-ring- ¹³ C ₆ solution, 50 µg/mL in acetone, analytical standard	32564-1ML
California Oxygenate Standard, certified reference material, in methanol (varied)	4M6872-U
Camphene, analytical standard	442505
Carbazole, analytical standard	442506
Carbon disulfide solution, certified reference material, 5000 µg/mL in methanol	40363

* Name	Catalog Number
Carbon tetrachloride solution, certified reference material, 200 µg/mL in methanol	48604
Carbon tetrachloride solution, certified reference material, 5000 µg/mL in methanol	40360-U
Cetyl alcohol, analytical standard	68824-1G-F 68824-5G-F
Chloral hydrate solution, 1000 µg/mL in acetonitrile, analytical standard	47335-U
α -Chlordane, analytical standard	442449
Chloroacetic acid, analytical standard	442515
Chloroacetic acid solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	47654-U
4-Chloroaniline, analytical standard	442410-U
4-Chloroaniline solution, certified reference material, 5000 µg/mL in methanol	40305
Chlorobenzene solution, certified reference material, 200 µg/mL in methanol	48610-U
Chlorobenzene solution, certified reference material, 5000 µg/mL in methanol	40006
Chlorobenzene solution, 10,000 µg/mL in methylene chloride, analytical standard	46860-U
Chlorobenzene-d ₆ , analytical standard	442517
Chlorobenzene-d ₆ solution, certified reference material, 2000 µg/mL in methanol	48086
Chlorobenzene-d ₆ solution, 5000 µg/mL in methanol, analytical standard	48387
4-Chlorobenzyl alcohol, analytical standard	50754-100MG
4-Chlorobenzyl chloride, analytical standard	67575-100MG
Chlorodibromoacetic acid, analytical standard	442519
Chloroethane solution, 1000 µg/mL in methanol, analytical standard	40015
2-Chloroethylvinyl ether, analytical standard, 2000 µg/mL in methanol	8S61206
2-Chloroethyl vinyl ether, analytical standard	4S8516
2-Chloroethyl vinyl ether, analytical standard	48516
2-Chloroethyl vinyl ether solution, certified reference material, 200 µg/mL in methanol	48672
2-Chloroethyl vinyl ether solution, certified reference material, 5000 µg/mL in methanol	40017
2-Chloroethyl vinyl ether solution, certified reference material, 2000 µg/mL in methanol	861206
2-Chloroethyl vinyl ether solution, 2000 µg/mL in methanol, analytical standard	861294
1-Chloro-2-fluorobenzene solution, certified reference material, 2000 µg/mL in methanol	48369
1-Chloro-4-fluorobenzene solution, certified reference material, 5000 µg/mL in methanol	48194
Chloroform, analytical standard	48520-U
Chloroform solution, 200 µg/mL in methanol, analytical standard	48603
Chloroform solution, certified reference material, 5000 µg/mL in methanol	40021
1-Chlorohexane, analytical standard	442258
Chloromethane solution, 200 µg/mL in methanol, analytical standard	48622
4-Chloro-2-methylaniline, analytical standard	46282-250MG
4-Chloro-2-methylphenol, analytical standard	442407
4-Chloro-3-methylphenol, analytical standard	48519
4-Chloro-3-methylphenol solution, certified reference material, 500 µg/mL in methanol	48693
1-Chloronaphthalene, technical grade	442259-U
1-Chloronaphthalene solution, 2000 µg/mL in methanol	48159
2-Chloronaphthalene, for spectrophotometric det. of proline and thiophene, ≥99.0%	48517
2-Chloronaphthalene solution, certified reference material, 5000 µg/mL in methanol	40018

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
4-Chloro-2-nitroaniline, analytical standard	48020
1-Chloro-2-nitrobenzene, analytical standard	45926-250MG
1-Chloro-3-nitrobenzene, analytical standard	45957-250MG
1-Chloro-4-nitrobenzene, analytical standard	45925-250MG
1-Chlorooctadecane, analytical standard	442260
1-Chlorooctadecane, certified reference material, 10000 µg/mL in methylene chloride	47584-U
1-Chlorooctane, analytical standard	442261
2-Chlorophenol solution, 5000 µg/mL in methanol, analytical standard	40022
Chloropicrin, analytical standard	442521
3-Chloro-1-propene, analytical standard	442446
3-Chloro-1-propene solution, certified reference material, 2000 µg/mL in methanol	48295
2-Chlorotoluene, analytical standard	47797
2-Chlorotoluene solution, 5000 µg/mL in methanol, analytical standard	40150-U
4-Chlorotoluene, analytical standard	47798
4-Chlorotoluene solution, 5000 µg/mL in methanol, analytical standard	40152-U
Chrysene, analytical standard	35754-100MG
Chrysene, analytical standard	48565-U
Chrysene solution, certified reference material, 1000 µg/mL in acetone	40074
Chrysene-d ₁₂ , analytical standard	442523
Chrysene-d ₁₂ solution, certified reference material, 2000 µg/mL in methylene chloride	48416
Cinoxate, analytical standard	67790-100MG
<i>o</i> -Cresol, analytical standard	36922-250MG
<i>m</i> -Cresol, analytical standard	65996-1ML-F 65996-5ML-F
<i>p</i> -Cresol, analytical standard	42429-5G-F
Cumene solution, certified reference material, 5000 µg/mL in methanol	40669
Cyanazine, analytical standard	442530
<i>cis</i> -1,2-Cyclohexanecarboxylic anhydride, analytical reference material	89891-100MG
Cyclohexene, analytical standard	44028-5ML-F 44028-10ML-F
Cyclooctane, analytical standard	29598-1ML
Cyclooctene, analytical standard	29648-1ML
Cyclopentane, analytical standard	29680-5ML 29680-10ML
<i>m</i> -Cymene, analytical standard	30037-250MG
<i>p</i> -Cymene, analytical standard	30039-5ML
Dalapon methyl ester solution, 1000 µg/mL in methyl <i>tert</i> -butyl ether, analytical standard	47663-U
Decafluorobiphenyl, analytical standard	442538
Decafluorobiphenyl solution, certified reference material, 2000 µg/mL in methylene chloride	48792
Decafluorotriphenylphosphine, analytical standard	442543
Decafluorotriphenylphosphine solution, certified reference material, 2000 µg/mL in methylene chloride	48082
Decafluorotriphenylphosphine solution, certified reference material, 25 mg/mL in dichloromethane	48724-U
Decane, analytical standard	442669
1-Decanol, analytical standard	442539
2-Decanone, analytical standard	68228-5ML
1-Decene, analytical standard	30649-5ML 30649-50ML
Decylamine, analytical standard	442540
DFTPP solution, certified reference material, 1000 µg/mL in acetone	47941
Diallyl phthalate, analytical standard	36925-250MG
2,4-Diaminoanisole, analytical standard	32831-100MG

* Name	Catalog Number
4,4'-Diaminodiphenylmethane, analytical standard	31640-250MG
4,4'-Diaminodiphenyl sulfide, analytical standard	32955-250MG 32955-1G
2,4-Diaminotoluene, analytical standard	442311
Dibenz[<i>a,h</i>]anthracene, analytical standard	48574
Dibenzofuran, analytical standard	45775-250MG
Dibenzofuran solution, certified reference material, 5000 µg/mL in methanol	40261
Dibenzothiophene, analytical standard	45776-250MG
Dibenzothiophene, analytical standard	442550-U
Dibenz[<i>a,h</i>]pyrene solution, 500 µg/mL in methylene chloride: benzene (3:1), analytical standard	502340
Dibenz[<i>a,l</i>]pyrene solution, certified reference material, 2000 µg/mL in methylene chloride	502057
Dibromoacetic acid, analytical standard	442551
Dibromoacetic acid solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	47660-U
Dibromoacetonitrile, analytical standard	442552
4,4'-Dibromobiphenyl, analytical standard	442398
4,4'-Dibromobiphenyl solution, 2000 µg/mL in methylene chloride, analytical standard	48790-U
Dibromochloroacetic acid solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	47277
1,2-Dibromo-1-chloroethane, analytical standard, for the determination of vinyl chloride	35975-1G
Dibromochloromethane, analytical standard, amylene stabilized	36971-1G
Dibromochloromethane, analytical standard	48542
Dibromochloromethane solution, certified reference material, 200 µg/mL in methanol	48608
Dibromochloromethane solution, certified reference material, 5000 µg/mL in methanol	40200-U
1,2-Dibromo-3-chloropropane	442223
1,2-Dibromo-3-chloropropane solution, certified reference material, 200 µg/mL in methanol	48338
1,2-Dibromo-3-chloropropane solution, certified reference material, 5000 µg/mL in methanol	40993
1,2-Dibromoethane, PESTANAL®, analytical standard	31040-1G
1,2-Dibromoethane solution, certified reference material, 5000 µg/mL in methanol	40171
1,2-Dibromoethane solution, certified reference material, 200 µg/mL in methanol	48880-U
Dibromofluoromethane solution, 2000 µg/mL in methanol, analytical standard	48077
Dibromomethane, analytical standard	47799
4,4'-Dibromooctafluorobiphenyl solution, certified reference material, 2000 µg/mL in methylene chloride	48791
4,4'-Dibromooctafluorobiphenyl solution, certified reference material, 250 µg/mL in acetone	47644-U
2,4-Dibromophenol, analytical standard	442312
2,6-Dibromophenol, analytical standard	442324
2,3-Dibromopropionic acid solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	47789
Dibutyl adipate, analytical standard	442864
Dibutyl chlorendate, analytical standard	442557
Dibutyl chlorendate solution, 200 µg/mL in acetonitrile, analytical standard	48129
Di- <i>n</i> -butyl phthalate solution, certified reference material, 5000 µg/mL in methanol	40066
Dichloroacetic acid, analytical standard	442559
Dichloroacetonitrile, analytical standard	442560
1,2-Dichlorobenzene solution, certified reference material, 200 µg/mL in methanol	48639
1,2-Dichlorobenzene solution, certified reference material, 5000 µg/mL in methanol	40023
1,2-Dichlorobenzene-d ₄ , analytical standard	442226

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
1,2-Dichlorobenzene-d ₄ solution, certified reference material, 2000 µg/mL in methanol	48952-U
1,2-Dichlorobenzene-d ₄ solution, 2000 µg/mL in methylene chloride, analytical standard	48068
1,3-Dichlorobenzene solution, certified reference material, 5000 µg/mL in methanol	40214
1,4-Dichlorobenzene solution, certified reference material, 5000 µg/mL in methanol	40025
1,4-Dichlorobenzene solution, certified reference material, 200 µg/mL in methanol	48627
1,4-Dichlorobenzene-d ₄ , analytical standard	442247
1,4-Dichlorobenzene-d ₄ solution, certified reference material, 2000 µg/mL in methanol	48049
1,4-Dichlorobenzene-d ₄ solution, certified reference material, 2000 µg/mL in methylene chloride	48419
3,3'-Dichlorobenzidine, analytical standard	48525
3,3'-Dichlorobenzidine solution, certified reference material, 2000 µg/mL in methanol	48029
3,3'-Dichlorobenzidine solution, certified reference material, 5000 µg/mL in methanol	40026
3,3'-Dichlorobenzidine dihydrochloride, analytical standard	31641-100MG
3,3-Dichlorobenzidine (2nd Lot), certified reference material, 5000 µg/mL in methanol	861222
1,4-Dichlorobutane solution, certified reference material, 2000 µg/mL in methanol	48066
Dichlorodifluoromethane solution, 200 µg/mL in methanol, analytical standard	48623
Dichlorodifluoromethane solution, 5000 µg/mL in methanol, analytical standard	40346
1,1-Dichloroethane, analytical standard	36967-1G
1,1-Dichloroethane, analytical standard	48512
1,1-Dichloroethane solution, certified reference material, 200 µg/mL in methanol	48602
1,1-Dichloroethane solution, certified reference material, 5000 µg/mL in methanol	40012
1,2-Dichloroethane, analytical standard	48509
1,2-Dichloroethane solution, certified reference material, 200 µg/mL in methanol	48613
1,2-Dichloroethane-d ₄ , analytical standard	442228
1,2-Dichloroethane-d ₄ solution, certified reference material, 2000 µg/mL in methanol	48941
1,1-Dichloroethene solution, certified reference material, 1000 µg/mL in methanol	40027
<i>cis</i> -1,2-Dichloroethene, analytical standard	48597
<i>cis</i> -1,2-Dichloroethene solution, certified reference material, 2000 µg/mL in methanol	48836
<i>cis</i> -1,2-Dichloroethene solution, certified reference material, 5000 µg/mL in methanol	40173
<i>trans</i> -1,2-Dichloroethene solution, certified reference material, 200 µg/mL in methanol	48612
<i>trans</i> -1,2-Dichloroethylene, analytical standard, amylene stabilized	36969-1G
Dichloromethane, analytical standard, stabilized	48538
Dichloromethane solution, certified reference material, 200 µg/mL in methanol	48600
Dichloromethane solution, certified reference material, 5000 µg/mL in methanol	40042
2,3-Dichlorophenol, analytical standard	442291-U
2,4-Dichlorophenol, analytical standard	48528
2,4-Dichlorophenol solution, 500 µg/mL in methanol, analytical standard	48690-U
2,4-Dichlorophenol solution, 5000 µg/mL in methanol, analytical standard	40029
2,4-Dichlorophenol-d ₃ , analytical standard	442880
2,5-Dichlorophenol, analytical standard	442320
2,6-Dichlorophenol solution, certified reference material, 5000 µg/mL in methanol	40302

* Name	Catalog Number
3,4-Dichlorophenol, analytical standard	442375
3,5-Dichlorophenol, analytical standard	442378
1,2-Dichloropropane solution, 5000 µg/mL in methanol, analytical standard	40030-U
1,3-Dichloropropane solution, 5000 µg/mL in methanol, analytical standard	41109
2,2-Dichloropropane, analytical standard	47752-U
1,3-Dichloro-2-propanol solution, certified reference material, 2000 µg/mL in methanol	48078
1,1-Dichloro-2-propanone, analytical standard	442210
1,1-Dichloropropene, certified reference material, 5000 µg/mL in methanol	41166
1,3-Dichloropropene, <i>cis</i> + <i>trans</i> , analytical standard	48530-U
<i>cis</i> -1,3-Dichloropropene, analytical standard	47755 47755-500MG
<i>cis</i> -1,3-Dichloropropene solution, 2000 µg/mL in methanol, analytical standard	47368-U
<i>trans</i> -1,3-Dichloropropene, analytical standard	47793 47793-500MG
<i>trans</i> -1,3-Dichloropropene solution, certified reference material, 2000 µg/mL in methanol	47369
2,2-Dichloropropionic acid, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	47656-U
2,3-Dichloropropionic acid, analytical standard	442203
2,3-Dichlorotoluene, analytical standard	45948-250MG
2,6-Dichlorotoluene, analytical standard	45974-250MG
3,4-Dichlorotoluene, analytical standard	45975-250MG
Dicyclohexylamine, analytical standard	442564
Didecyl phthalate, analytical standard	36933-250MG
Diethanolamine, analytical standard	16957-1ML-F 16957-5ML-F
1,4-Diethylbenzene, analytical standard	32018-5ML
Diethyl ether, analytical standard	91238-1ML-F 91238-10ML-F
Di(2-ethylhexyl)adipate solution, certified reference material, 2000 µg/mL in methanol	47995-U
Diethyl phthalate, PESTANAL®, analytical standard	53008-5ML-F
1,4-Difluorobenzene, analytical standard	442249
1,4-Difluorobenzene solution, certified reference material, 2000 µg/mL in methanol	48944
4,4'-Difluorobenzophenone, analytical standard	73906-100MG
2,2'-Difluorobiphenyl, analytical standard	442280
2,2'-Difluorobiphenyl solution, 2000 µg/mL in methylene chloride, analytical standard	48787
Dihexyl phthalate, analytical standard	49617-250MG
Diisopropylamine, analytical standard	38292-5ML-F
Diisopropyl ether, analytical standard	95251-1ML-F 95251-5ML-F 95251-10ML-F
1,2-Dimethoxyethane, analytical standard	72405-1ML-F 72405-5ML-F
2,2-Dimethoxypropane, analytical standard	73137-1ML-F 73137-5ML-F
<i>N,N</i> -Dimethylacetamide, analytical standard	72336-1ML-F 72336-5ML-F
2,4-Dimethylaniline, analytical standard	442315
2,6-Dimethylaniline, analytical standard	442327
9,10-Dimethylanthracene, analytical standard	45779-100MG
7,12-Dimethylbenz[<i>a</i>]anthracene, analytical standard	442425
7,12-Dimethylbenz[<i>a</i>]anthracene solution, certified reference material, 1000 µg/mL in methanol	40567
2,3-Dimethyl-1,3-butadiene, analytical standard	39718-1ML
Dimethyl carbonate, analytical standard	13259-100MG
<i>N,N</i> -Dimethylformamide, analytical standard	72438-5ML-F
4-(3,5-Dimethyl-3-heptyl)phenol, analytical standard	33707-10MG
4-(3,6-Dimethyl-3-heptyl)phenol, analytical standard	33701-10MG

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
4-(3,6-Dimethyl-3-heptyl)phenol-3,5-d ₂ solution, 10 µg/mL in acetone, analytical standard	33569-1ML
4-(3,6-Dimethyl-3-heptyl)phenol-ring- ¹³ C ₆ solution, 1 µg/mL in acetone, analytical standard	33575-10ML
4-(3,6-Dimethyl-3-heptyl)phenol-ring- ¹³ C ₆ solution, 10 µg/mL in acetone, analytical standard	33574-1ML
4-(3,6-Dimethyl-3-heptyl)phenol-ring- ¹³ C ₆ solution, 100 µg/mL in acetone, analytical standard	32471-1ML
4-(3,6-Dimethyl-3-heptyl)phenol diethoxylate solution, 10 µg/mL in acetone, analytical standard	32864-1ML
4-(3,6-Dimethyl-3-heptyl)phenol-3,5-d ₂ diethoxylate solution, 1 µg/mL in acetone, analytical standard	33252-10ML
4-(3,6-Dimethyl-3-heptyl)phenol-3,5-d ₂ diethoxylate solution, 10 µg/mL in acetone, analytical standard	33249-1ML
4-(3,6-Dimethyl-3-heptyl)phenol-diethoxylate-ring- ¹³ C ₆ solution, 1 µg/mL in acetone, analytical standard	33222-10ML
4-(3,6-Dimethyl-3-heptyl)phenol-diethoxylate-ring- ¹³ C ₆ solution, 10 µg/mL in acetone, analytical standard	33207-1ML
4-(3,6-Dimethyl-3-heptyl)phenol monoethoxylate solution, 10 µg/mL in acetone, analytical standard	32863-1ML
4-(3,6-Dimethyl-3-heptyl)phenol monoethoxylate-ring- ¹³ C ₆ solution, 10 µg/mL in acetone, analytical standard	33572-1ML
1,2-Dimethylnaphthalene, analytical standard	36943-250MG
1,4-Dimethylnaphthalene, analytical standard	37883-100MG
1,8-Dimethylnaphthalene, analytical standard	45786-100MG
1,3-Dimethyl-2-nitrobenzene, analytical standard	442243
2,3-Dimethylphenol, analytical standard	442292
2,4-Dimethylphenol, analytical standard	48531
2,4-Dimethylphenol solution, 5000 µg/mL in methanol, analytical standard	40224
2,5-Dimethylphenol, analytical standard	442322
2,6-Dimethylphenol, analytical standard	442328
3,5-Dimethylphenol, analytical standard	442379
Dimethyl phthalate, PESTANAL®, analytical standard	41320-1ML-F 41320-5ML-F
Dimethyl phthalate solution, certified reference material, 5000 µg/mL in methanol	40069
Dimethyl sulfoxide, analytical standard	94563-1ML-F 94563-10ML-F
2,4-Dinitroaniline, analytical standard	45963-250MG
1,2-Dinitrobenzene, analytical standard	45965-250MG
1,3-Dinitrobenzene, analytical standard	45966-250MG
1,4-Dinitrobenzene, analytical standard	45967-250MG
1,4-Dinitrobenzene solution, certified reference material, 2000 µg/mL in methanol	47945
3,4-Dinitrobenzoic acid, analytical standard	45930-250MG
2,4-Dinitrophenol solution, certified reference material, 5000 µg/mL in methanol	40057
2,3-Dinitrotoluene, analytical standard	45968-250MG
2,4-Dinitrotoluene, analytical standard	45969-250MG
2,4-Dinitrotoluene solution, 5000 µg/mL in methanol, analytical standard	40033
Di-n-octyl phthalate, analytical standard	31301-250MG
Di-n-octyl phthalate, analytical standard	48560-U
1,4-Dioxane, analytical standard	76887-5ML-F 76887-10ML-F
1,4-Dioxane solution, certified reference material, 2000 µg/mL in methanol, ampule of 1 mL	CRM48367
Dioxybenzone, analytical standard	92841-100MG
Dipentyl phthalate, analytical standard	442867
Diphenylamine solution, certified reference material, 5000 µg/mL in methanol	40263-U
9,10-Diphenylanthracene, analytical standard	45788-250MG
Diphenyl ether solution, certified reference material, 2000 µg/mL in methanol	48155

* Name	Catalog Number
1,2-Diphenylhydrazine, analytical standard, ampule of 100 mg	442232-U
Ditridecyl phthalate, analytical standard	19955-50MG
Docosane, analytical standard	442670
1-Dodecene, analytical standard	44146-5ML
Drometrizole trisiloxane, analytical standard	68790-50MG
Ecamsule, analytical standard	55901-25MG
Eicosane, analytical standard	442673
1-Eicosene, analytical standard	442265
EPA 501/601 Trihalomethanes Calibration Mix, 200 µg/mL each component in methanol, certified reference material	4S8746
EPA 501/601 Trihalomethanes Calibration Mix, certified reference material, 2000 µg/mL each component in methanol	4M8140-U
EPA 502/524 Volatiles Organic Calibration Mix A (without gases), analytical standard, 2000 µg/mL each component in methanol	5S02111
EPA 607 Nitrosamines Mix, certified reference material, 2000 µg/mL each component in methanol	48240-U
EPA 8011 EDB/DBCP Mix, certified reference material, 2000 µg/L each component in methanol	48225-U
EPA 8260 Internal Standards Mix High Concentration, certified reference material, 5000 µg/mL each component in methanol	49113-U
EPA 8270 GC-MS Tuning Solution, certified reference material, 50 µg/mL each component in methylene chloride	47387
EPA Haloethers Mix, 2000 µg/mL each component in hexane, analytical standard	48228-U
EPA Phthalate Esters Mix, certified reference material, 2000 µg/mL each component in hexane	48231
EPA Phthalate Esters Mix, certified reference material, 2000 µg/mL each component in hexane	4S8231
EPA SOM01.1 DMC Mix, 2000 µg/mL each component in methylene chloride, analytical standard	47196-U
EPA TCL Benzidines Mix, certified reference material, 2000 µg/mL each component in methanol	48906
EPA TCL Benzidines Mix, analytical standard, 2000 µg/mL each component in methanol	4S8906
EPA TCL PAH Mix, certified reference material, in acetonitrile: methanol (9:1) (varied)	49156
EPA VOC Mix 1, analytical standard, 2000 µg/mL each component in methanol	4S8775
EPA VOC Mix 2, Separate Source, certified reference material, 2000 µg/mL each component in methanol	4S8777
EPA VOC Mix 3, analytical standard, 2000 µg/mL each component in methanol	4S8779
EPA VOC Mix 4, analytical standard, 2000 µg/mL each component in methanol	4S8786
EPA VOC Mix 5, analytical standard, 2000 µg/mL each component in methanol	4S8797
Estradiol-d ₃ , analytical standard	442878
Ethanol solution, certified reference material, 2000 µg/mL in methanol	48075
2-Ethoxyethanol, analytical standard	79109-1ML-F 79109-5ML-F
Ethyl acetate solution, certified reference material, 2000 µg/mL in methanol	47947
Ethylbenzene solution, certified reference material, 5000 µg/mL in methanol	40036
Ethylbenzene-d ₁₀ solution, certified reference material, 2000 µg/mL in methanol	48942
Ethylenediamine, analytical standard	41008-1ML-F
Ethylene glycol, analytical standard	85978-5ML-F 85978-10ML-F
Ethylene glycol butyl ether, analytical standard	53071-1ML-F 53071-5ML-F
Ethylene glycol diacrylate, analytical standard	41608-100MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
Ethylene oxide solution, 50 mg/mL in methanol, analytical standard	48838
Ethyl ether solution, certified reference material, 2000 µg/mL in methanol	47948
2-Ethylhexanoic acid, analytical standard	442347
2-Ethylhexyl acrylate, analytical standard	67262-5ML-F
2-Ethylhexyl 4-methoxycinnamate, analytical standard	55529-100MG
2-Ethylhexyl salicylate, analytical standard	52184-1ML
Ethylhexyl triazone, analytical standard	93465-100MG
Ethyl 4-hydroxybenzoate-ring- ¹³ C ₆ solution, 10 µg/mL in acetone, analytical standard	32558-5ML
Ethyl 4-hydroxybenzoate-ring- ¹³ C ₆ solution, 50 µg/mL in acetone, analytical standard	32559-1ML
Ethyl methacrylate, analytical standard	4542585
4-(1-Ethyl-1-methylhexyl)phenol, analytical standard	32702-10MG
4-(2-Ethyl-1-methylhexyl)phenol, analytical standard	32707-10MG
Fluoranthene, analytical standard	45504-250MG
Fluoranthene, analytical standard	48535
Fluoranthene solution, certified reference material, 200 µg/mL in methylene chloride	48662
Fluoranthene solution, 5000 µg/mL in methanol, analytical standard	40037
Fluoranthene-d ₁₀ , analytical standard	442843
Fluorene, analytical standard	48568
Fluorene solution, certified reference material, 5000 µg/mL in methanol	40078
Fluorene-d ₁₀ , analytical standard	442848
Fluorobenzene, analytical standard	51411-5ML-F
Fluorobenzene solution, certified reference material, 1000 µg/mL in methanol	47895
2-Fluorobiphenyl solution, 2000 µg/mL in methylene chloride, analytical standard	48722-U
2-Fluorobiphenyl solution, certified reference material, 10.000 µg/mL in dichloromethane	47581-U
1-Fluoronaphthalene, analytical standard	442266
1-Fluoronaphthalene solution, 2000 µg/mL in methylene chloride, analytical standard	48720-U
2-Fluoronaphthalene, analytical standard	442349
2-Fluoronaphthalene solution, 2000 µg/mL in methylene chloride, analytical standard	48721-U
2-Fluorophenol, analytical standard	442350
2-Fluorophenol solution, 2000 µg/mL in methylene chloride, analytical standard	48719-U
Formaldehyde solution, stabilized with methanol, ~37 wt. % in H ₂ O, analytical standard	47083-U
Formaldehyde dimethyl acetal, analytical standard	88789-1ML-F 88789-5ML-F
Formaldehyde-DNPH solution, certified reference material, TraceCERT [®] , 100 µg/mL in acetonitrile (as aldehyde), ampule of 1 mL	CRM47177
Formaldehyde-2,4-DNPH Solution, certified reference material, TraceCERT [®] , 100 µg/mL in acetonitrile (as aldehyde), ampule of 5 × 1 mL	CRM4M7177
Heptadecane, analytical standard	442676
1-Heptanol, analytical standard	72954-1ML-F 72954-5ML-F
4-Heptanone, analytical standard	46204-5ML
1-Heptene, analytical standard	442267-U
Hexabromobenzene, analytical standard	442605
(±)-α-Hexabromocyclododecane, analytical standard	30373-25MG
(±)-γ-Hexabromocyclododecane, analytical standard	73709-25MG
1,2,5,6,9,10-Hexabromocyclododecane, analytical standard	51691-50MG
Hexachlorobenzene, analytical standard	48508

* Name	Catalog Number
Hexachlorobenzene solution, certified reference material, 1000 µg/mL in acetone	40008
Hexachlorobutadiene solution, certified reference material, 5000 µg/mL in methanol	40050-U
Hexachloro-1,3-butadiene, analytical standard	48543
Hexachlorocyclopentadiene solution, certified reference material, 500 µg/mL in methanol	48388
Hexachlorocyclopentadiene solution, certified reference material, 5000 µg/mL in methanol	40051
Hexachloroethane, VETRANAL [™] , analytical standard	31715-250MG
Hexachloroethane, analytical standard	48511
Hexachlorophene solution, certified reference material, 5000 µg/mL in methanol	40323
Hexacontane, analytical standard	48893
Hexacosane, analytical standard	442678
Hexadecane, analytical standard	442679
1-Hexadecene, analytical standard	52276-5ML
1-Hexadecene, analytical standard	442268
Hexadecyltrimethylammonium bromide, analytical standard	36932-1G
2,5-Hexanedione, analytical standard	15972-5ML-F
1-Hexanol, analytical standard	73117-1ML-F 73117-5ML-F
2-Hexanone, analytical standard	47733-U
2-Hexanone solution, 200 µg/mL in methanol, analytical standard	48362
Hexatriacontane, analytical standard	442680
1-Hexene, analytical standard	52930-5ML 52930-10ML 52930-50ML
Hexylbenzene, analytical standard	53158-1ML
Hexyl 2-[4-(diethylamino)-2-hydroxybenzoyl] benzoate, analytical standard	93777-25MG
HMDI, analytical standard	33490-2ML-R
2-(4-Hydroxyphenyl)ethanol, analytical standard	79058-100MG-F 79058-500MG-F
Indan, analytical standard	45789-250MG
Indene, analytical standard	45791-250MG
Indeno[1,2,3- <i>cd</i>]pyrene, analytical standard	48499
Indeno[1,2,3- <i>c,d</i>]pyrene solution, 100 µg/mL in cyclohexane, analytical standard	36947-2ML
Indeno[1,2,3- <i>c,d</i>]pyrene solution, certified reference material, 200 µg/mL in methanol	48669
Indole, analytical standard	442619
Indole solution, 2000 µg/mL in methanol, certified reference material	48157
β-Ionone, analytical standard	91036-100MG
Isoamyl 4-methoxycinnamate, analytical standard	44189-50MG
Isobutylbenzene, analytical standard	58498-1ML-F
Isobutyraldehyde-2,4-DNPH solution, 100 µg/mL in acetonitrile (as aldehyde equivalent), analytical standard	47886
Isophorone, analytical standard	48545
Isoprene, analytical standard	59240-1ML-F 59240-10ML-F
Isopropylamine, anhydrous, analytical standard	45945-1G
Isopropylbenzene, analytical standard	442630
4,4'-Isopropylidenediphenol, analytical standard	442840
<i>p</i> -Isopropyltoluene, analytical standard	442732
Isoprothiolane, analytical standard	76547-50MG
4,4'-MDI, analytical standard	33428-100MG-R
Mesitylene, analytical standard	63908-5ML
Methanol, analytical standard	82762-1ML-F 82762-10ML-F
Methacrylonitrile HCl, analytical standard	442641

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
2-Methoxyethanol, analytical standard	88907-1ML-F 88907-5ML-F
2-Methoxy-5-methylaniline, analytical standard	46111-250MG
1-Methoxy-2-propanol, analytical standard	65692-1ML-F 65692-5ML-F
2-Methoxypropene, analytical standard	72537-1ML-F
Methyl acetoacetate, analytical standard	14610-5ML-F
<i>N</i> -Methylaniline, analytical standard	49636-5ML-F
9-Methylantracene, analytical standard	45793-250MG
4-Methyl-1 <i>H</i> -benzotriazole, analytical standard	14593-50MG
5-Methyl-1 <i>H</i> -benzotriazole, analytical standard	14949-50MG
3-(4-Methylbenzylidene)camphor, analytical standard	66158
Methyl bromoacetate solution, 1000 µg/mL in methyl <i>tert</i> -butyl ether, analytical standard	47662-U
Methyl bromochloroacetate solution, 1000 µg/mL in methyl <i>tert</i> -butyl ether, analytical standard	47666-U
Methyl bromodichloroacetate solution, 1000 µg/mL in methyl <i>tert</i> -butyl ether, analytical standard	47761
Methyl 2-bromopropionate, analytical standard	442657
2-Methyl-2-butanol, analytical standard	19954-1ML-F 19954-5ML-F
3-Methylbutanol, analytical standard	59092-1ML 59092-5ML
2-Methyl-1-butene, analytical standard	66030-5ML-F 66030-50ML-F
2-Methyl-2-butene, analytical standard	66050-5ML 66050-10ML 66050-50ML
Methyl <i>tert</i> -butyl ether solution, certified reference material, TraceCERT®	CRM48483
Methyl chloroacetate, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	47661-U
Methyl chlorodibromoacetate solution, 1000 µg/mL in methyl <i>tert</i> -butyl ether, analytical standard	47762
3-Methylcholanthrene, analytical standard	442388
Methylcyclohexane, analytical standard	66294-1ML 66294-5ML
Methylcyclopentane, analytical standard	66490-10ML 66490-50ML
Methyl dibromoacetate, analytical standard	442650
Methyl dibromoacetate solution, 1000 µg/mL in methyl <i>tert</i> -butyl ether, analytical standard	47667-U
Methyl 2,3-dibromopropionate solution, 1000 µg/mL in methyl <i>tert</i> -butyl ether, analytical standard	46970-U
Methyl dichloroacetate solution, 1000 µg/mL in methyl <i>tert</i> -butyl ether, analytical standard	47664-U
Methyl 2,4-dichlorophenylacetate solution, certified reference material, 2000 µg/mL in acetone	47329-U
Methyl 2,3-dichloropropionate, analytical standard	442656
2-Methyl-4,6-dinitrophenol, analytical standard	48551
2-Methyl-4,6-dinitrophenol solution, certified reference material, 5000 µg/mL in methanol	40058
4,4'-Methylene-bis(2-chloroaniline), analytical standard	66681-250MG 66681-1G
4,4'-Methylene-bis(2-methylaniline), analytical standard	46106-100MG
Methylene di- <i>p</i> -phenyl diisocyanate, analytical standard	442658-U
Methyl 4-hydroxybenzoate-ring- ¹³ C ₆ solution, 10 µg/mL in acetone, analytical standard	32556-5ML
Methyl 4-hydroxybenzoate-ring- ¹³ C ₆ solution, 50 µg/mL in acetone, analytical standard	32557-1ML
2-Methyl-4-isothiazolin-3-one, analytical standard	73569-1G
Methyl methacrylate solution, certified reference material, 1000 µg/mL in methanol	40439
1-Methylnaphthalene, analytical standard	45795-250MG
1-Methylnaphthalene, analytical standard	442430

* Name	Catalog Number
1-Methylnaphthalene solution, certified reference material, 2000 µg/mL in methanol	48162
2-Methylnaphthalene, analytical standard	45796-250MG
2-Methylnaphthalene, analytical standard	442359
2-Methylnaphthalene solution, certified reference material, 1000 µg/mL in methanol	44637-U
2-Methyl-5-nitroaniline, analytical standard	45984-250MG
4-Methyl-3-nitroaniline, analytical standard	45929-250MG
2-Methylpentane, analytical standard	442360
3-Methylpentane, analytical standard	442390
4-Methyl-2-pentanone solution, certified reference material, 5000 µg/mL in methanol	40349
2-Methyl-1-pentene, analytical standard	68450-5ML 68450-25ML
4-Methyl-1-pentene, analytical standard	68510-5ML-F 68510-25ML-F
2-Methylphenol, analytical standard	442361
2-Methylphenol solution, certified reference material, 5000 µg/mL in methanol	40250-U
3-Methylphenol, analytical standard	442391
3-Methylphenol, certified reference material, 5000 µg/mL in methanol	40251-U
4-Methylphenol, analytical standard	442418
4-Methylphenol solution, certified reference material, 5000 µg/mL in methanol	40252-U
2-Methyl- <i>m</i> -phenylenediamine, analytical standard	45921-250MG
4-Methyl- <i>m</i> -phenylenediamine, analytical standard	45922-250MG
mono-Methyl phthalate, analytical standard	36926-250MG
1-Methylpiperazine, analytical standard	14549-1ML-F 14549-5ML-F
2-Methyl-1-propanol, analytical standard	82059-1ML-F 82059-5ML-F 82059-10ML-F
4-(1-Methyl-1-propylpentyl)phenol, analytical standard	32705-10MG
1-Methyl-2-pyrrolidinone, analytical standard	78769-5ML-F 78769-10ML-F
α -Methylstyrene monomer, analytical standard	69168-1ML
2-Methyltetrahydrofuran, analytical standard	85488-5ML-F 85488-10ML-F
Methyl tribromoacetate solution, 1000 µg/mL in methyl <i>tert</i> -butyl ether, analytical standard	47730-U
Methyl trichloroacetate solution, 1000 µg/mL in methyl <i>tert</i> -butyl ether, analytical standard	47665-U
<i>mono</i> -Benzyl phthalate, analytical standard	89505-100MG
<i>mono</i> -Cyclohexyl phthalate, analytical standard	69262-100MG
<i>mono</i> -[(2 <i>RS</i>)-2-Ethyl-5-oxohexyl] phthalate, analytical standard	42078-50MG 42078-100MG
Morpholine, analytical standard	90179-5ML-F 90179-10ML-F
Naphthalene solution, 100 ng/µL in cyclohexane, analytical standard	36946-2ML
Naphthalene solution, certified reference material, 200 µg/mL in methanol	CRM48641
Naphthalene solution, certified reference material, 5000 µg/mL in methanol	40053
Naphthalene-d ₈ , analytical standard	442716
Naphthalene-d ₈ solution, certified reference material, 2000 µg/mL in methylene chloride	48715-U
1,4-Naphthoquinone solution, certified reference material, 2000 µg/mL in methylene chloride	47511-U
2-Naphthoxyacetic acid, PESTANAL®, analytical standard	34066-100MG-R
1-Naphthylamine, analytical standard	34390-250MG
1-Naphthylamine, analytical standard	442271
2-Naphthylamine, analytical standard	31618-100MG
2-Naphthylamine, analytical standard	442362

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
2-Nitroaniline, analytical standard	442363
2-Nitroaniline solution, 5000 µg/mL in methanol, analytical standard	40324
3-Nitroaniline, analytical standard	45989-250MG
3-Nitroaniline, analytical standard	442392
4-Nitroaniline, analytical standard	31569-250MG
4-Nitroanisole, analytical standard	36916-250MG-R
Nitrobenzene, analytical standard	48547
Nitrobenzene solution, certified reference material, 5000 µg/mL in methanol	40054
Nitrobenzene-d ₅ , analytical standard	442718
Nitrobenzene-d ₅ solution, certified reference material, 2000 µg/mL in methylene chloride	48717-U
2-Nitrophenol solution, 5000 µg/mL in methanol, analytical standard	40055
4-Nitrophenol, analytical standard	48549
4-Nitrophenol solution, certified reference material, 5000 µg/mL in methanol	40056
1-Nitropropane, analytical standard	73788-1ML
4-Nitroquinoline <i>N</i> -oxide, analytical standard	442683
<i>N</i> -Nitrosodi- <i>n</i> -butylamine, analytical standard	442685
<i>N</i> -Nitrosodi- <i>n</i> -butylamine solution, certified reference material, 2000 µg/mL in methylene chloride	48320-U
<i>N</i> -Nitrosodiethylamine, analytical standard	442687
<i>N</i> -Nitrosodiethylamine solution, certified reference material, 5000 µg/mL in methanol	40334
<i>N</i> -Nitrosodimethylamine, analytical standard	48552
<i>N</i> -Nitrosodimethylamine solution, certified reference material, 200 µg/mL in methanol	48670
<i>N</i> -Nitrosodiphenylamine, analytical standard	48553
<i>N</i> -Nitrosodiphenylamine solution, certified reference material, 5000 µg/mL in methanol	40060
<i>N</i> -Nitrosodiphenylamine solution, certified reference material, 5000 µg/mL in methanol	46702-U
<i>N</i> -Nitrosodiphenylamine (2nd Lot), certified reference material, 5000 µg/mL in methanol	861227
<i>N</i> -Nitrosodi- <i>n</i> -propylamine, analytical standard	48554
<i>N</i> -Nitrosodi- <i>n</i> -propylamine solution, certified reference material, 5000 µg/mL in methanol	40061
1-Nitrosopiperidine solution, certified reference material, 5000 µg/mL in methanol	40458
2-Nitrotoluene, analytical standard	31567-250MG
3-Nitrotoluene, analytical standard	45986-250MG
5-Nitro- <i>o</i> -toluidine, analytical standard	442423
<i>cis</i> -Nonachlor, analytical standard	442527
<i>trans</i> -Nonachlor, analytical standard	442811
Nonadecane, analytical standard	442693
Nonanal, analytical standard	442719
Nonane, analytical standard	442694
2-Nonanone, analytical standard	63969-1ML
1-Nonene, analytical standard	74323-5ML
Nonylphenol solution, 5 µg/mL in acetone, analytical standard	32889-10ML
Nonylphenol solution, 50 µg/mL in acetone, analytical standard	32888-1ML
Nonylphenol solution, 1000 µg/mL in acetone, analytical standard	32468-1ML
4-Nonylphenol, analytical standard	442873
Nonylphenol diethoxylate solution, 5 µg/mL in acetone, technical, analytical standard	32899-10ML
Nonylphenol diethoxylate solution, 50 µg/mL in acetone, technical, analytical standard	32898-1ML
Nonylphenol monoethoxylate solution, 5 µg/mL in acetone, technical, analytical standard	32895-10ML
Nonylphenol monoethoxylate solution, 50 µg/mL in acetone, technical, analytical standard	32894-1ML

* Name	Catalog Number
Octachloronaphthalene, analytical standard	442725
Octacosane, analytical standard	442696
Octadecane, analytical standard	442697
1-Octadecene, analytical standard	74738-1ML 74738-5ML
1-Octadecene, analytical standard	442272
1-Octanol, analytical standard	95446-1ML-F 95446-5ML-F
3-Octanone, analytical standard	46214-5ML
1-Octene, analytical standard	74900-5ML 74900-50ML
1-Octene, analytical standard	442274
Octylamine, analytical standard	74989-1ML
4-Octylphenol, analytical standard	442850
4- <i>tert</i> -Octylphenol, analytical standard	442858
4- <i>tert</i> -Octylphenol solution, 1 µg/mL in acetone, analytical standard	32881-10ML
4- <i>tert</i> -Octylphenol solution, 10 µg/mL in acetone, analytical standard	32879-1ML
4- <i>tert</i> -Octylphenol solution, 1000 µg/mL in acetone, analytical standard	32467-1ML
4- <i>tert</i> -Octylphenol-3,5-d ₂ solution, 1 µg/mL in acetone, analytical standard	33559-10ML
4- <i>tert</i> -Octylphenol-3,5-d ₂ solution, 10 µg/mL in acetone, analytical standard	33557-1ML
4- <i>tert</i> -Octylphenol-ring- ¹³ C ₆ solution, 10 µg/mL in acetone, analytical standard	33565-1ML
4- <i>tert</i> -Octylphenol diethoxylate solution, 1 µg/mL in acetone, analytical standard	32887-10ML
4- <i>tert</i> -Octylphenol diethoxylate solution, 10 µg/mL in acetone, analytical standard	32886-1ML
4- <i>tert</i> -Octylphenol-3,5-d ₂ diethoxylate solution, 10 µg/mL in acetone, analytical standard	33254-1ML
4- <i>tert</i> -Octylphenol-diethoxylate-ring- ¹³ C ₆ solution, 10 µg/mL in acetone, analytical standard	33229-1ML
4- <i>tert</i> -Octylphenol monoethoxylate solution, 1 µg/mL in acetone, analytical standard	32883-10ML
4- <i>tert</i> -Octylphenol monoethoxylate solution, 10 µg/mL in acetone, analytical standard	32882-1ML
4- <i>tert</i> -Octylphenol-3,5-d ₂ monoethoxylate solution, 1 µg/mL in acetone, analytical standard	33525-10ML
4- <i>tert</i> -Octylphenol-3,5-d ₂ monoethoxylate solution, 10 µg/mL in acetone, analytical standard	33523-1ML
4- <i>tert</i> -Octylphenol-monoethoxylate-ring- ¹³ C ₆ solution, 10 µg/mL in acetone, analytical standard	33563-1ML
4,4'-Oxydianiline, analytical standard	46117-250MG-R
Padimate O, analytical standard	74309-1ML
PCB No 101 solution, 10 µg/mL in isooctane, analytical standard	36902-2ML
PCB No 28, 52, 101, 138, 153, 180 solution, analytical standard, 6 PCB according to TrinkwV (BRD) method, in isooctane	36906-2ML 36906-10ML
PCB No 138, analytical standard	35494-10MG
PCB No 138 solution, 10 µg/mL in isooctane, analytical standard	36903-2ML
PCB No 153 solution, 10 µg/mL in isooctane, analytical standard	36904-2ML
PCB No 180, analytical standard	35495-10MG
PCB No 180 solution, 10 µg/mL in isooctane, analytical standard	36905-2ML
PCB No 209, analytical standard	31092-20MG
2,3,4,5,6-Pentabromoethylbenzene, analytical standard	37922-100MG-R
Pentacene, analytical standard	45797-100MG
Pentachlorobenzene, analytical standard	442739-U
Pentachlorobenzene solution, certified reference material, 200 µg/mL in methylene chloride	48386

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
Pentachloroethane, analytical standard	442740
Pentachloroethane solution, certified reference material, 5000 µg/mL in methanol	40300-U
Pentachloronitrobenzene solution, certified reference material, 5000 µg/mL in methanol	40156
Pentachlorophenol, analytical standard	48555-U
Pentachlorophenol solution, certified reference material, 500 µg/mL in methanol	48692
Pentachlorophenol solution, certified reference material, 5000 µg/mL in methanol	40062
Pentachlorophenol-DFTPP, 250 µg/mL each component in methylene chloride, analytical standard	48728
Pentacontane, analytical standard	48595
Pentacontane, analytical standard	442743
Pentacosane, analytical standard	442699
Pentadecane, analytical standard	442700
Pentafluorobenzene, analytical standard	442744
Pentafluorobenzene solution, certified reference material, 2000 µg/mL in methanol	48945
Pentafluorophenol, analytical standard	442745
Pentafluorophenol solution, 2000 µg/mL in methylene chloride, analytical standard	48718
Pentane, analytical standard	442746
1-Pentanol, analytical standard	77597-1ML-F 77597-5ML-F 77597-10ML-F
2-Pentanone, analytical standard	46211-5ML
3-Pentanone, analytical standard	40129-U
1-Pentene, analytical standard	76969-5ML 76969-50ML
<i>trans</i> -2-Pentene, analytical standard	442815
Pentylbenzene, analytical standard	77078-5ML
Perfluorotributylamine (PFTBA), analytical standard	442747-U
Perfluoroundecanoic acid, analytical standard	80444-50MG
Perylene, analytical standard	45798-250MG
Perylene solution, certified reference material, 2000 µg/mL in methylene chloride	48079
Perylene-d ₁₂ , analytical standard	442750
Perylene-d ₁₂ solution, certified reference material, 2000 µg/mL in methylene chloride	48081
Phenanthrene, analytical standard, for environmental analysis	48569
Phenanthrene solution, 100 µg/mL in cyclohexane, analytical standard	31304-2ML
Phenanthrene solution, certified reference material, 200 µg/mL in methylene chloride	48661
Phenanthrene solution, certified reference material, 5000 µg/mL in methanol	40079
Phenanthrene-d ₁₀ , analytical standard	442753
Phenanthrene-d ₁₀ solution, certified reference material, 2000 µg/mL in methanol	48094
Phenanthrene-d ₁₀ solution, certified reference material, 2000 µg/mL in methylene chloride	48710-U
2-Phenethylamine, analytical standard	41346-1ML-F 41346-5ML-F
Phenol solution, certified reference material, 500 µg/mL in methanol	48688
Phenol solution, 5000 µg/mL in methanol, certified reference material	40063
Phenol-d ₆ , certified reference material, 2000 µg/mL in methylene chloride	48716-U
2-Phenoxyethanol, analytical standard	56753-1ML-F 56753-5ML-F
1-Phenyldodecane, analytical standard	44178-500MG
2,2'-(1,4-Phenylene)bis-1 <i>H</i> -benzimidazole-4,6-disulfonic acid, analytical reference material	50572-25MG

* Name	Catalog Number
<i>p</i> -Phenylenediamine solution, certified reference material, 2000 µg/mL in methylene chloride	48298
1-Phenyloctadecane, analytical standard	74753-50MG
4-Phenylphenol, analytical standard	34068-100MG
1-Phenyltetradecane, analytical standard	87204-500MG
Phytane, analytical standard	80165-25MG
Polynuclear aromatic hydrocarbons 16 solution, analytical standard, in cyclohexane	36991-2ML
Polynuclear Aromatic Hydrocarbons Mix, 500 µg/mL each component in toluene, analytical standard	49155
Polynuclear aromatic hydrocarbons 16 solution, analytical standard, in acetonitrile	36979-2ML 36979-10ML
1,2-Propanediol, analytical standard	12279-1ML-F 12279-5ML-F
1-Propanol, analytical standard	96566-5ML-F 96566-10ML-F
2-Propanol, analytical standard	91237-1ML-F 91237-5ML-F 91237-10ML-F
Propionic acid, analytical standard	94425-1ML-F 94425-5ML-F
Propionitrile, analytical standard	76671-1ML-F
Propylbenzene, analytical standard	82118-5ML 82118-10ML
Propylbenzene, analytical standard	47323
Propylbenzene solution, certified reference material, 5000 µg/mL in methanol	41112
(±)-Propylene oxide, analytical standard	56671-1ML-F 56671-5ML-F
Propyl 4-hydroxybenzoate-ring- ¹³ C ₆ solution, 10 µg/mL in acetone, analytical standard	32561-5ML
Propyl 4-hydroxybenzoate-ring- ¹³ C ₆ solution, 50 µg/mL in acetone, analytical standard	32562-1ML
Pyrene, certified reference material, 1000 µg/mL in methanol	40082
Pyrene, analytical standard	48570
Pyrene-d ₁₀ , analytical standard	442846
Pyridine solution, certified reference material, 2000 µg/mL in methanol	48305-U
Pyridine-d ₅ solution, 2000 µg/mL in methylene chloride, analytical standard	48714-U
QTM PAH Site Monitoring solution, 20,000 µg/mL in methanol, analytical standard	47929
Refrigerants Mix, 10,000 µg/mL each component in ethyl acetate, analytical standard	48420-U
Squalane, analytical standard	442784
Squalene, analytical standard	442785
SS VOLATILE ORGANIC COMPOUNDS MIX 6, analytical standard, 2000 µg/mL each component in methanol, ampule of 1.5 mL	458799
Styrene, analytical standard	45993-250MG
Styrene, analytical standard	47745-U
Styrene solution, certified reference material, 200 µg/mL in methanol	48347
Sulfamic acid, analytical standard	11358-100MG
Sulfolane, analytical standard	88965-5ML-F
Sulisobenzone, analytical standard	50194-100MG
TCEQ PQL Semivolatiles Mix, analytical standard, 120 µg/mL each component in methylene chloride	40137-U
2,4-TDI, analytical standard	33427-5ML-R
2,6-TDI, analytical standard	33493-100MG-R
<i>o</i> -Terphenyl, analytical standard	442721
<i>o</i> -Terphenyl solution, certified reference material, 2000 µg/mL in acetone	48169
<i>o</i> -Terphenyl solution, certified reference material, 10000 µg/mL in methylene chloride	47580-U
<i>m</i> -Terphenyl, analytical standard	45801-250MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
<i>p</i> -Terphenyl, analytical standard	45802-250MG
<i>p</i> -Terphenyl- <i>d</i> ₁₄ , analytical standard	442734
<i>p</i> -Terphenyl- <i>d</i> ₁₄ solution, certified reference material, 2000 µg/mL in methylene chloride	48418
Test mixture 2 for apolar capillary columns according to Grob, for GC, ready-to-use	86501-1ML 86501-10X1ML 86501-10ML
3,3',5,5'-Tetrabromobisphenol A, analytical standard	11223-100MG
2,3,5,6-Tetrabromo- <i>p</i> -xylene, analytical reference material	80012-50MG
1,2,3,5-Tetrachlorobenzene solution, certified reference material, 2000 µg/mL in methanol	48156
1,2,4,5-Tetrachlorobenzene, analytical standard	442219
1,2,4,5-Tetrachlorobenzene solution, certified reference material, 1000 µg/mL in acetonitrile	40177
2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin solution, 10 µg/mL in toluene, analytical standard	48599
1,1,1,2-Tetrachloroethane, analytical standard	46254-5ML
1,1,1,2-Tetrachloroethane, analytical standard	47753-U
1,1,1,2-Tetrachloroethane solution, certified reference material, 5000 µg/mL in methanol	40335
1,1,2,2-Tetrachloroethane, analytical standard	46259-5ML
1,1,2,2-Tetrachloroethane solution, certified reference material, 5000 µg/mL in methanol	40014
Tetrachloroethylene solution, certified reference material, 200 µg/mL in methanol	48609
Tetrachloroethylene solution, certified reference material, 5000 µg/mL in methanol	40083
2,3,4,5-Tetrachlorophenol, analytical standard	442281
2,3,4,5-Tetrachlorophenol solution, certified reference material, 2000 µg/mL in methanol	48153
2,3,4,6-Tetrachlorophenol, analytical standard	442282
2,3,4,6-Tetrachlorophenol solution, certified reference material, 5000 µg/mL in methanol	48264
2,3,5,6-Tetrachlorophenol, analytical standard	442284
2,3,5,6-Tetrachlorophenol solution, certified reference material, 2000 µg/mL in methanol	48152
Tetracontane, analytical standard	442706
Tetracosane, analytical standard	442707
Tetradecane, analytical standard	442708
1-Tetradecene, analytical standard	87187-5ML 87187-25ML
Tetrahydrofuran, analytical standard	78445-5ML-F
1,2,3,4-Tetrahydronaphthalene, analytical standard	95462-5ML-F 95462-50ML-F
Tetrahydrothiophene, analytical standard	442799
Tetraatriacontane, analytical standard	442710
Thiophene, analytical standard	442802
Thymol, analytical standard	72477-500MG-F
<i>o</i> -Tolidine, analytical standard	31659-100MG
Toluene, analytical standard	89680-5ML 89680-25ML
Toluene solution, certified reference material, 5000 µg/mL in methanol	40084
Toluene- <i>d</i> ₈ , analytical standard	442809
<i>p</i> -Toluic acid, analytical standard	41768-100MG
<i>o</i> -Toluidine, analytical standard	45979-250MG
<i>o</i> -Toluidine solution, 2000 µg/mL in methanol, analytical standard	48035
Transformer oil (PCB free), analytical standard, PCB free	46956
Triacotane, analytical standard	442711
Tribromoacetic acid, analytical standard	442819
Tribromoacetic acid solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	47729-U
2,4,6-Tribromophenol, analytical standard	36918-250MG

* Name	Catalog Number
2,4,6-Tribromophenol solution, certified reference material, 2000 µg/mL in methanol	48084
Tributyltin chloride, analytical standard	442869
Trichloroacetic acid solution, certified reference material, 1000 µg/mL in methyl <i>tert</i> -butyl ether	47658-U
Trichloroacetonitrile, analytical standard	442821
1,2,3-Trichlorobenzene, analytical standard	442217
1,2,3-Trichlorobenzene solution, certified reference material, 5000 µg/mL in methanol	40175
1,2,4-Trichlorobenzene solution, certified reference material, 5000 µg/mL in methanol	40007
1,3,5-Trichlorobenzene, analytical standard	442235
1,1,1-Trichloroethane solution, certified reference material, 200 µg/mL in methanol	48614
1,1,1-Trichloroethane solution, certified reference material, 5000 µg/mL in methanol	40010-U
1,1,2-Trichloroethane solution, certified reference material, 5000 µg/mL in methanol	40013
Trichloroethylene, analytical standard	46267-5ML-R
Trichloroethylene solution, certified reference material, 5000 µg/mL in methanol	40085
Trichlorofluoromethane, analytical standard	48541
Trichlorofluoromethane solution, 200 µg/mL in methanol, analytical standard	48611
Trichlorofluoromethane solution, 5000 µg/mL in methanol, certified reference material	40047
2,3,4-Trichlorophenol, analytical standard	442283-U
2,3,4-Trichlorophenol solution, certified reference material, 2000 µg/mL in methanol	48154
2,3,5-Trichlorophenol, analytical standard	442285
2,3,6-Trichlorophenol, analytical standard	442287
2,4,5-Trichlorophenol solution, 5000 µg/mL in methanol, analytical standard	40179
2,4,6-Trichlorophenol solution, certified reference material, 5000 µg/mL in methanol	40019
3,4,5-Trichlorophenol, analytical standard	442373
1,2,3-Trichloropropane, analytical standard	47794
1,2,3-Trichloropropane solution, certified reference material, 200 µg/mL in methanol	48355
<i>o,o,o</i> -Trichlorotoluene, analytical standard	36911-250MG-R
<i>o,o,o</i> -Trichlorotoluene, analytical standard	442428
2,4,5-Trichlorotoluene, analytical standard	442302
2,4,5-Trichlorotoluene solution, certified reference material, 2000 µg/mL in methanol	48150
1,1,2-Trichloro-1,2,2-trifluoroethane, certified reference material, 1000 µg/mL in methanol	48411
Tricosane, analytical standard	442712-U
Tridecane, analytical standard	442713
Trifluoroacetic acid, analytical standard	74564-1ML-F 74564-5ML-F 74564-10ML-F
<i>o,o,o</i> -Trifluorotoluene solution, certified reference material, 2000 µg/mL in methanol	48389
2,4,5-Trimethylaniline solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	31039-2ML
1,2,3-Trimethylbenzene, analytical standard	45935-250MG
1,2,4-Trimethylbenzene, analytical standard	45996-250MG
1,2,4-Trimethylbenzene, analytical standard	47324
1,2,4-Trimethylbenzene solution, 5000 µg/mL in methanol, certified reference material	41107
1,3,5-Trimethylbenzene solution, certified reference material, 5000 µg/mL in methanol	41103
2,4,6-Trimethylphenol, analytical standard	442306
1,3,5-Trinitrobenzene solution, 2000 µg/mL in methylene chloride, analytical standard	48283
Triphenylene, analytical standard	45804-100MG

Standards for Routine Analytical Applications

Environmental Standards: Volatiles & Semi-Volatiles

* Name	Catalog Number
Triphenylene, analytical standard	442830
Triphenyl phosphate, analytical standard	442829
Triphenyl phosphate solution, certified reference material, 500 µg/mL in methyl <i>tert</i> -butyl ether	48064
Tris(2,3-dibromopropyl) phosphate, analytical standard	442833
Tri- <i>o</i> -tolyl phosphate, analytical standard	51885-250MG
Trolamine salicylate, analytical standard	74412-100MG
Undecane, analytical standard	442714
Vinyl acetate, analytical standard	48486
Vinyl acetate, analytical standard	4S8486
Vinyl acetate solution, certified reference material, 5000 µg/mL in acetonitrile	40327
Vinyl chloride solution, 200 µg/mL in methanol, analytical standard	48625
Vinyl chloride solution, certified reference material, 2000 µg/mL in methanol	500976
4-Vinyl-1-cyclohexene, analytical standard	94950-5ML 94950-25ML
VOC Mix 18 solution, in methanol, analytical standard	32408-4.5ML
<i>o</i> -Xylene, analytical standard	95660-5ML 95660-50ML
<i>o</i> -Xylene solution, certified reference material, 5000 µg/mL in methanol	40201
<i>m</i> -Xylene, analytical standard	95670-5ML 95670-50ML
<i>m</i> -Xylene solution, certified reference material, 5000 µg/mL in methanol	40202
<i>p</i> -Xylene, analytical standard	95680-5ML 95680-50ML
<i>p</i> -Xylene solution, certified reference material, 5000 µg/mL in methanol	40203
Zinc oxide, analytical standard	93632-100MG

Waste Water

* Name	Catalog Number
Antipyrine, analytical reference material	90567-100MG
Atenolol, analytical reference material	74827-100MG
Benzo(a)anthracene solution, certified reference material, 100 µg/mL in dichloromethane	49477-U
Benzo(k)fluoranthene solution, 100 µg/mL in methylene chloride, analytical standard	49476-U
Benzo(g,h,i)perylene solution, certified reference material, 100 µg/mL in methylene chloride	49475-U
Benzo[a]pyrene solution, certified reference material, 100 µg/mL in methylene chloride	49473-U
Bezafibrate, analytical reference material	72516-500MG
BTEX Solution, analytical standard	43728-1ML 43728-10X1ML
Cefaclor, analytical reference material	72579-50MG
Chrysene solution, 100 µg/mL in methylene chloride, analytical standard	49478-U
Clofibrate, analytical reference material	41326-100MG
Clofibric acid, analytical reference material	90323-100MG
Decamethylcyclopentasiloxane, analytical standard	43217-250MG
Dibenzo[a,h]anthracene solution, certified reference material, 100 µg/mL in methylene chloride	49479-U
Dibenzo[a,i]pyrene solution, certified reference material, 100 µg/mL in dichloromethane	49485-U
2,5-Dihydroxybenzoic acid, analytical standard	78069-25MG
3,4-Dihydroxyphenylacetic acid, analytical standard	11569-25MG
2-Dimethylaminoethanol, analytical reference material	50632-1ML
4-(3,6-Dimethyl-3-heptyl)phenol-3,5-d ₂ solution, 100 µg/mL in acetone, analytical standard	32274-1ML

* Name	Catalog Number
Discretionary Aromatic Volatiles Mix, certified reference material, 50 µg/mL each component in methanol	47273
DI 152/2006 (ex DM 471) VOC mix 1, 10 µg/mL each component in methanol, analytical standard	43250-U
DL 152/2006 (ex DM 471) VOC mix 2, analytical standard, 100 µg/mL each component in methanol	43251-U
Dodecamethylcyclohexasiloxane, analytical standard	43216-25MG
Enalapril maleate salt, analytical standard	16616-50MG
EPA 552.2 Acids Calibration Mix, certified reference material, in methyl <i>tert</i> -butyl ether (varied)	47787
EPA 601 Purgeable Halocarbons Mix, certified reference material, 2000 µg/mL each component in methanol	46964
EPA 601 Purgeable Mix w/o gases including 2-CEVE, certified reference material, 2000 µg/mL each component in methanol	47431-U
EPA 601 Purgeables Performance Mix, analytical standard, in methanol (varied conc.)	48747
EPA 602 Purgeable Aromatics Mix, 200 µg/mL each component in methanol, analytical standard	48740
EPA 602 Purgeable Aromatics Mix, certified reference material, 2000 µg/mL each component in methanol	46965
EPA 606-M Phthalate Esters Mix, certified reference material, 200 µg/mL each component in methanol	48741
EPA 608.1 Calibration Solution, analytical standard, 1000 µg/mL in isooctane	40351-U
EPA 608 Pesticides Mix, certified reference material, 20 µg/mL each component in hexane: toluene (1:1)	47915-U
EPA 610-N PAH Kit, analytical standard	47351
EPA 610 Polynuclear Aromatic Hydrocarbons Mixture, certified reference material	458743
EPA 624 Calibration Mix B, 2000 µg/mL each component in methanol, analytical standard	46967-U
EPA 624 Calibration Mix 1, 100 µg/mL each component in methanol, analytical standard	47506
EPA 624 Calibration Mix A (w/o gases), certified reference material, 2000 µg/mL in methanol	46966
EPA 624 Purgeable Calibration Mix w/o Gases, includes 2-CEVE, 2000 µg/mL each component in methanol, without gases, analytical standard	47432-U
EPA 625 Add-On Mix 1, certified reference material, 2000 µg/mL each component in methylene chloride	46828-U
EPA 625 Base-Neutral 1, certified reference material, 200 µg/mL each component in methylene chloride	48831
EPA 625 Base Neutral 2, certified reference material, 200 µg/mL each component in methylene chloride	48832
EPA 625 Base/Neutral 3, certified reference material, 200 µg/mL each component in methylene chloride	48833
EPA 625/CLP Pesticide Mix, 2000 µg/mL each component in hexane: toluene (1:1), analytical standard	47914
EPA 625 Phenol Mix, certified reference material, in methylene chloride (varied)	48866
EPA 625 Semivolatile Calibration Kit, analytical standard	47444-U
EPA 625 Semivolatile Calibration Mix, 1000 µg/mL each component in methylene chloride: benzene (3:1), analytical standard	506559
EPA 8260 Surrogate Standards Mix, High Concentration, certified reference material, 10,000 µg/mL in methanol, ampule of 1 mL	49112-U
EPA HC Purgeable B, certified reference material, 200 µg/mL each component in methanol	47970-U
EPA HC Purgeable B, certified reference material, 2000 µg/mL each component in methanol	48058
EPA HC Purgeable C, 200 µg/mL each component in methanol, analytical standard	48853
EPA HC Purgeable C, 2000 µg/mL each component in methanol, analytical standard	48057-U
EPA Phenols Mixture, analytical standard	4S8859

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Environmental Standards: Waste Water

* Name	Catalog Number
EPA Phenols Mixture, certified reference material, in methanol (varied)	48859
EPA Purgeable A, analytical standard, 200 µg/mL each component in methanol	48851-U
EPA Purgeable A, 200 µg/mL each component in methanol, analytical standard	47969
EPA Purgeable A, 2000 µg/mL in methanol, analytical standard	48059
EPA Purgeable B, certified reference material, 200 µg/mL each component in methanol	458852
EPA Purgeable B, analytical standard, 200 µg/mL each component in methanol	48852-U
EPA Purgeable Halocarbon Calibration Kit, analytical standard	47439-U
EPA Purgeable Internal Standard Mix, certified reference material, 20,000 µg/mL each component in methanol	48864
EPA Volatiles Mix 1 NC, 50 µg/mL each component in methanol, analytical standard	47269
EPA Volatiles Mix 2 NC, 50 µg/mL each component in methanol, analytical standard	47270
2-Ethyl-2-phenylmalonamide monohydrate, analytical reference material	95923-25MG
Fenofibric acid, analytical standard	90568-10MG
Hexamethylcyclotrisiloxane, analytical standard	38677-100MG
Homovanillic acid, analytical standard	69673-25MG
Indeno(1,2,3,c,d)pyrene solution, 100 µg/mL in methylene chloride, analytical standard	49481-U
Levofloxacin, analytical reference material	40922-100MG
4-Methylaminoantipyrine hydrochloride, analytical standard	92939-25MG
MISA Group 19 Base-Neutral Extractables Mix A, 2000 µg/mL each component in dichloromethane	48134
MISA Group 19 Base-Neutral Extractables Mix B, 2000 µg/mL each component in methylene chloride, analytical standard	48135
MISA Group 23 Chlorinated Hydrocarbon Mix, 2000 µg/mL each component in methylene chloride, analytical standard	48136
MISA Group 16 Halogen Volatile Organic Mix, 2000 µg/mL each component in methanol, analytical standard	48132
MISA Group 17 Non-Halogen Organic Mix, certified reference material, 2000 µg/mL each component in methanol	48133
MISA Group 20 Phenols Mix A, certified reference material, 2000 µg/mL each component in methanol	48130-U
MISA Group 20 Phenols Mix B, certified reference material, 2000 µg/mL each component in methanol	48131
Nafronyl oxalate salt, analytical standard	76649-25MG
Octamethylcyclotetrasiloxane, analytical standard	43883-100MG
4-tert-Octylphenol-3,5-d ₂ solution, 100 µg/mL in acetone, analytical standard	32273-1ML
4-tert-Octylphenol-ring- ¹³ C ₆ solution, 100 µg/mL in acetone, analytical standard	32272-1ML
Organophosphorus Pesticides Mix A, certified reference material, 2000 µg/mL each component in hexane: acetone (9:1)	48391
Oxypurinol, analytical standard	42688-10MG
Pentachlorobenzene solution, 100 µg/mL in methanol, analytical standard	40628-U
Pyrene solution, certified reference material, 100 µg/mL in methylene chloride	49482-U
Quebec Phenol MIX, certified reference material, 2000 µg/mL in methanol	502073
Volatile Organic Contaminants Mix 1, certified reference material, 50 µg/mL each component in methanol	47274
Volatile Organic Contaminants Mix 2, certified reference material, 50 µg/mL each component in methanol	47275

Forensic & Veterinary Standards

* Name	Catalog Number
Acebutolol hydrochloride, analytical standard	A3669-1G
Acemetacin, analytical standard	A1674-1G
Acepromazine-(dimethyl-d ₆) maleate, analytical standard	32090-10MG
4-Acetamidoantipyrine, analytical standard	55669-100MG
2-Acetamido-5-nitrothiazole, VETRANAL™, analytical standard	33978-100MG-R
p-Acetamidophenyl β-D-glucuronide sodium salt, analytical reference material	92564-25MG
Acetohexamide, analytical standard	A178-1G
3-(N-Acetylamino)-5-(N-decyl-N-methylamino)benzyl alcohol, analytical standard, for drug analysis	A4813-1MG
(R)-3-(4-Acetylamino-phenoxy)-2-hydroxy-2-methyl-N-(4-nitro-3-trifluoromethylphenyl)propionamide, analytical standard	68722-25MG
(S)-3-(4-Acetylamino-phenoxy)-2-hydroxy-2-methyl-N-(4-nitro-3-trifluoromethylphenyl)propionamide, analytical standard	78986-25MG
(2S)-cis-3-(Acetyloxy)-2,3-dihydro-2-(4-methoxyphenyl)-1,5-benzothiazepin-4(5H)-one, analytical standard	A9559-5G
N ⁶ -Acetylspermidine dihydrochloride, analytical standard	A3658-100MG
N ¹ -Acetylsulfadimethoxine, analytical standard	50357-25MG
N ¹ -Acetylsulfamethoxazole, analytical standard	91594-25MG
N ⁴ -Acetylsulfamethoxazole, analytical standard	90115-25MG
Adapalene-(methoxy-d ₃), VETRANAL™, analytical standard	32157-10MG
Adiphenine hydrochloride, analytical standard	A3649-10G
Aklomide, VETRANAL™, analytical standard	33992-100MG-R
Alachlor-d ₃ , PESTANAL®, analytical standard	34086-10MG
Albendazole, analytical standard, ≥98%	A4673-10G
Albendazole-(methyl-d ₃), VETRANAL™, analytical standard	35344-10MG
Albendazole sulfone, VETRANAL™, analytical standard	35394-10MG
Albendazole sulfone-(methyl-d ₃), VETRANAL™, analytical standard	32179-10MG
Albendazole sulfoxide, VETRANAL™, analytical standard	35395-10MG
Albendazole sulfoxide-(methyl-d ₃), VETRANAL™, analytical standard	32178-10MG
(-)-N-Allylnormetazocine hydrochloride, analytical standard	A124-10MG
(±)-N-Allylnormetazocine hydrochloride, analytical standard	A156-50MG
Altrenogest, VETRANAL™, analytical standard	33994-100MG-R
Ambroxol hydrochloride, analytical standard	A9797-5G
Amcinonide, analytical standard	A2428-1G
Amidotrizoic acid, analytical standard	76513-100MG
4-Aminoantipyrine, analytical reference material	43827-100MG
N-(4-Aminobutyl)-2-naphthalenesulfonamide hydrochloride, analytical standard, for drug analysis	A3168-1MG A3168-5MG
2-Aminoflubendazole, VETRANAL™, analytical standard	32841-10MG
1-Aminohydantoin hydrochloride, VETRANAL™, analytical standard	33655-100MG-R
1-Amino-2,4-imidazolidinedione- ¹³ C ₃ , VETRANAL™, analytical standard	34006-10MG-R
4-Aminomethylbenzenesulfonamide hydrochloride, analytical standard, ≥95%	A2134-25G
3-Amino-2-methyl-5-nitrobenzamide, VETRANAL™, analytical standard	32731-10MG
Aminotriclabendazole hydrochloride, VETRANAL™, analytical standard	32168-10MG

Standards for Routine Analytical Applications
Forensic & Veterinary Standards

* Name	Catalog Number
5-Amino-2,4,6-triiodoisophthalic acid, analytical standard	68181-100MG
Amitriptyline metabolite, (±)-E-10-hydroxylated-, analytical standard	A115-2MG
Amodiaquin dihydrochloride dihydrate, analytical standard	A2799-5G
Amoxicillin trihydrate, VETRANAL™, analytical standard	31586-250MG
AMOZ, VETRANAL™, analytical standard	33349-50MG-R
AMOZ-d ₅ , VETRANAL™, analytical standard	33881-10MG-R
<i>o</i> -Amphetamine hemisulfate salt solution, 1.0 mg/mL in methanol, analytical standard, for drug analysis	A3278-1ML
<i>o</i> l-Amphetamine solution, 1 mg/mL in methanol, drug standard	610240-1ML
<i>o</i> l-Amphetamine hydrochloride, analytical standard	94777-10MG
Amphotericin B trihydrate, VETRANAL™, analytical standard	46006-100MG
Ampicillin, analytical standard	59349-100MG
Ampicillin trihydrate, VETRANAL™, analytical standard	31591-250MG
Amprolium hydrochloride, VETRANAL™, analytical standard	31592-250MG
5 α -Androstan-17 β - <i>o</i> l-3-one, VETRANAL™, analytical standard	31573-100MG
Androstosterone, VETRANAL™, analytical standard	31579-250MG
Anhydroerythromycin A, analytical standard	19448-2MG
Anhydrotetracycline hydrochloride, VETRANAL™, analytical standard	37919-100MG-R
Antazoline phosphate salt, analytical standard, for drug analysis	A3766-1G
Antipyrine, analytical standard	A5882-25G A5882-100G A5882-500G
AOZ, VETRANAL™, analytical standard	33347-50MG-R
AOZ-d ₄ , VETRANAL™, analytical standard	33880-10MG-R
Arecoline hydrobromide, VETRANAL™, analytical standard	31593-250MG
<i>p</i> -Arsanilic acid, VETRANAL™, analytical standard	31584-250MG
Aspoxicillin, VETRANAL™, analytical standard	32992-25MG
Athidathion, PESTANAL®, analytical standard	32275-25MG
Azaconazole, PESTANAL®, analytical standard	34045-100MG-R
Azaperol, VETRANAL™, analytical standard	32738-10MG
Azaperone, VETRANAL™, analytical standard	34223-100MG
Azaperone-d ₄ , VETRANAL™, analytical standard	32854-10MG
Aztreonam, analytical standard	A6848-50MG
Bacitracin A, VETRANAL™, analytical standard	31626-250MG
Balofloxacin, VETRANAL™, analytical standard	32153-25MG
Bambuterol-(<i>tert</i> -butyl-d ₉) hydrochloride, VETRANAL™, analytical standard	32176-10MG
Bamethane hemisulfate salt, analytical standard	B0382-5G
Baquiloprim, VETRANAL™, analytical standard	32591-10MG
Baquiloprim-d ₆ , VETRANAL™, analytical standard	32592-10MG
Beauvericin, VETRANAL™, analytical standard	37012-0.1MG
Beclomethasone dipropionate, analytical standard, for drug analysis	B3022-250MG B3022-1G B3022-5G
Bendroflumethiazide, analytical standard	B5775-1G
Benfluorex hydrochloride, analytical standard	B7522-5G
Benzathine penicilline G tetrahydrate, VETRANAL™, analytical standard	31735-250MG
Benzbromarone, analytical standard	B5774-1G
Benzoylcegonine tetrahydrate, drug standard	B4147-25MG B4147-100MG
Benzoylnorecgonine, analytical standard	B142-25MG
Benzydamine hydrochloride, analytical standard	B5524-5G
7-Benzyloxygramine, analytical standard	B9875-100MG

* Name	Catalog Number
Bephenium hydroxynaphthoate, analytical standard	B5650-10G
Betamethasone, VETRANAL™, analytical standard	34166-100MG
Betamethasone 17-valerate, VETRANAL™, analytical standard	46074-250MG
Bisacodyl, analytical standard, for drug analysis	B1390-10G
Bisoprolol, analytical standard	50787-25MG
Bithionol, VETRANAL™, analytical standard	31622-250MG
Boldine, analytical standard	B3916-1G B3916-5G
Bromazepam, analytical standard	B4144-100MG
Brombuterol hydrochloride, VETRANAL™, analytical standard	94972-10MG
Brombuterol-(<i>tert</i> -butyl-d ₉) hydrochloride, VETRANAL™, analytical standard	35396-10MG
Bromchlorbuterol hydrochloride, VETRANAL™, analytical standard	35397-10MG
Bromhexine hydrochloride, analytical standard	51082-100MG
2-Bromo-4'-hydroxyacetophenone, analytical standard	92406-100MG
Bucetin, analytical standard	B4027-10G
Bufexamac, analytical standard	B0760-10G
Buflomedil hydrochloride, analytical standard	B5899-1G
Buparvaquone, VETRANAL™, analytical standard	32154-25MG
Bupivacaine hydrochloride monohydrate, analytical standard, for drug analysis	B5274-1G B5274-5G B5274-15G
Buprenorphine hydrochloride solution, analytical standard, for drug analysis	B7536-1ML
Buquinolate, VETRANAL™, analytical standard	32174-10MG
Busulfan, analytical standard, for drug analysis	B2635-10G B2635-25G
Butalbital-ring- ¹³ C ₄ solution, 99 atom % ¹³ C, 1 mg/mL in methanol, drug standard	611077-1ML
Butethamate citrate salt, analytical standard	B9273-5G
Butoxamine hydrochloride, analytical standard, for drug analysis, mixture of diastereomers	B1385-50MG B1385-500MG
Butylone-d ₃ hydrochloride, analytical standard	36988-10MG
Caffeine- ¹³ C ₃ solution, 99 atom % ¹³ C, 1 mg/mL in methanol, drug standard	603295-1ML
Caffeine-sodium benzoate, analytical standard	C4144-100G
Cambendazole, VETRANAL™, analytical standard	32593-10MG
Cambendazole-d ₇ , VETRANAL™, analytical standard	32594-10MG
Camylofine dihydrochloride, analytical standard, for drug analysis	C4665-1G
Canamycin A disulfate salt hydrate, VETRANAL™, analytical standard	46356-250MG
Cannabidiol solution, 1.0 mg/mL in methanol, analytical standard, for drug analysis	C6395-1ML
Cannabidiolic acid, analytical standard	39961-1MG
Carazolol, analytical standard	53787-10MG
Carazolol-d ₇ , VETRANAL™, analytical standard	32819-10MG
Carbamazepine, analytical standard	94496-100MG
Carbamazepine 10,11-epoxide, analytical standard	C4206-5MG C4206-25MG
Carbazole, VETRANAL™, analytical standard	46100-250MG-R
Carbinoxamine maleate salt, analytical standard	C8278-10G
Carnidazole, VETRANAL™, analytical standard	32671-10MG
Carprofen, VETRANAL™, analytical standard	33975-100MG-R
Carprofen-d ₃ , VETRANAL™, analytical standard	32736-10MG
Casanthranol, analytical standard	C3298-50G
Cefadroxil, analytical standard	C7020-1G C7020-5G
Cefalexin, VETRANAL™, analytical standard	33989-100MG-R
Cefalonium hydrate, VETRANAL™, analytical standard	32904-100MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Forensic & Veterinary Standards

* Name	Catalog Number
Cefoperazone dihydrate, VETRANAL™, analytical standard	32426-100MG
Cefoxitin sodium salt, analytical standard	C4786-250MG C4786-1G C4786-5G
Cefpodoxime, VETRANAL™, analytical standard	32344-25MG
Cefquinome sulfate, VETRANAL™, analytical standard	32472-100MG
Ceftiofur, VETRANAL™, analytical standard	34001-100MG-R
Ceftiofur hydrochloride, VETRANAL™, analytical standard	32422-100MG
Ceftriaxone disodium salt hemi(heptahydrate), analytical standard	89434-50MG
Cefuroxime, VETRANAL™, analytical standard	34218-100MG
Cefuroxime sodium salt	C4417-1G C4417-5G
Cefuroxime Axetil, mixture of isomers, analytical standard	89261-10MG
Chloramphenicol, VETRANAL™, analytical standard	31667-250MG
<i>m</i> -Chloramphenicol, VETRANAL™, analytical standard	34005-10MG-R 34005-100MG-R
<i>DL</i> -threo-Chloramphenicol- <i>d</i> ₅ , analytical standard	41724-1MG
Chloramphenicol- ¹³ C ₁₁ solution, VETRANAL™, 25 µg/mL in acetonitrile, analytical standard	32488-1.2ML
Chloramphenicol palmitate, VETRANAL™, analytical standard	46109-250MG
Chlorbenside sulfone, PESTANAL®, analytical standard	32231-25MG
2-Chloro-2-deoxy-D-glucose, analytical standard	C203-10MG
6-Chloro-2,4-diamino-1,3,5-triazine- ¹³ C ₃ , VETRANAL™, analytical standard	32232-10MG
R(-)-Chloroethylnorapomorphine hydrochloride, analytical standard	D007-25MG
(S)-3-(4-Chloro-3-fluorophenoxy)-N-(4-cyano-3-trifluoromethylphenyl)-2-hydroxy-2-methylpropionamide, analytical standard	55939-25MG
(R)-3-(4-Chloro-3-fluorophenoxy)-2-hydroxy-2-methyl-N-(4-nitro-3-trifluoromethylphenyl)propionamide, analytical standard	75312-25MG
(S)-3-(4-Chloro-3-fluorophenoxy)-2-hydroxy-2-methyl-N-(4-nitro-3-trifluoromethylphenyl)propionamide, analytical standard	79260-25MG
2-Chloro-3-methyl-4-[(7R,7aS)-tetrahydro-7-hydroxy-1,3-dioxo-1H-pyrrolo[1,2-c]imidazol-2(3H)-yl]benzotriazole, analytical standard	66159-25MG
Chlorprothixene-(<i>dimethyl-d</i> ₆), VETRANAL™, analytical standard	32243-10MG
Chlorpyramine hydrochloride, analytical standard, for drug analysis	C1915-1G
Chlorpromazin- <i>d</i> ₆ hydrochloride, VETRANAL™, analytical standard	32554-10MG
Chlorpromazine hydrochloride, VETRANAL™, analytical standard	31679-250MG
Chlorpropamide, analytical standard, ≥97%	C1290-25G
Chlortetracycline hydrochloride, VETRANAL™, analytical standard	46133-250MG-R
Ciclobenzazole, VETRANAL™, analytical standard	32589-10MG
Cimaterol, VETRANAL™, analytical standard	32568-10MG
Cimaterol- <i>d</i> ₇ , VETRANAL™, analytical standard	32569-10MG
Cimbuterol, VETRANAL™, analytical standard	32576-10MG
Cimbuterol-(<i>tert</i> -butyl- <i>d</i> ₉), VETRANAL™, analytical standard	35398-10MG
Cinchonine hemisulfate salt, analytical standard	C6882-100G
Ciprofloxacin- <i>d</i> ₈ hydrochloride hydrate, VETRANAL™, analytical standard	32982-10MG
Citicoline sodium salt hydrate, VETRANAL™, analytical standard	34015-100MG-R
Citric acid sesquiperazine salt hydrate, VETRANAL™, analytical standard	46632-250MG
Clarithromycin <i>N</i> -oxide, analytical standard	56291-25MG

* Name	Catalog Number
Clenbuterol- <i>d</i> ₉ hydrochloride, analytical standard	54969-10MG
Clencyclohexerol hydrochloride, VETRANAL™, analytical standard	35399-10MG
Clenhexerol, VETRANAL™, analytical standard	32580-10MG
Clenisopenterol hydrochloride, VETRANAL™, analytical standard	35401-10MG
Clenpenterol hydrochloride, VETRANAL™, analytical standard	32825-10MG
Clenpenterol-(dimethyl- <i>d</i> ₆ , propyl- <i>d</i> ₅) hydrochloride, VETRANAL™, analytical standard	32480-10MG
Clenproperol, VETRANAL™, analytical standard	32827-10MG
Clenproperol- <i>d</i> ₇ , VETRANAL™, analytical standard	32828-10MG
Clidinium bromide, analytical standard	C0414-1G
Clinafloxacin, VETRANAL™, analytical standard	32144-25MG
Clioquinol, VETRANAL™, analytical standard	33931-100MG-R
Clobetasol propionate, analytical standard	C8037-100MG C8037-1G
Clofocetol, analytical standard	C2290-1G
Clomiphene citrate salt, analytical standard	C6272-1G C6272-10G
Cloperastine hydrochloride, analytical standard	C2040-10G
Clopidol, VETRANAL™, analytical standard	33988-100MG-R
Clorprenaline, VETRANAL™, analytical standard	32571-10MG
Clorprenaline-(isopropyl- <i>d</i> ₇), VETRANAL™, analytical standard	32107-10MG
Clorsulon, VETRANAL™, analytical standard	33973-100MG-R
Clorsulon-(phenyl ¹³ C ₆), VETRANAL™, analytical standard	35353-10MG
Clozantel-(benzoyl ring- ¹³ C ₆), VETRANAL™, analytical standard	35359-10MG
Cocaine hydrochloride, analytical standard	51621-10MG
Cocaine hydrochloride solution, 1.0 mg/mL in methanol, analytical standard, for drug analysis	C1528-1ML
Cocaine- <i>d</i> ₃ solution, 1 mg/mL in acetonitrile, 99 atom % D, analytical standard, for drug analysis	610143-1ML
Cocaine propyl ester hydrochloride, analytical standard	C139-5MG
Codeine monohydrate, analytical standard	C5901-50MG
Codeine- <i>d</i> ₃ solution, 99 atom % D, 1 mg/mL in methanol, drug standard	610127-1ML
Codeine- <i>d</i> ₃ hydrochloride dihydrate, analytical standard, 98 atom % D	C3539-5MG C3539-10MG
Colterol acetate, VETRANAL™, analytical standard	32139-10MG
Colterol-(<i>tert</i> -butyl- <i>d</i> ₉) acetate, VETRANAL™, analytical standard	32141-10MG
Corticosterone, VETRANAL™, analytical standard	46148-100MG
Corticosterone 21-acetate, VETRANAL™, analytical standard	46149-100MG
(-)-Cotinine solution, drug standard, 1.0 mg/mL in methanol	C0430-1ML
(±)-Cotinine-(<i>methyl-d</i> ₃) solution, 1 mg/mL in methanol, 99 atom % D, drug standard	610577-1ML
Cottonseed flour, analytical standard	C4898-500G
Crystal Violet, VETRANAL™, analytical standard	46364-250MG
Crystal Violet- <i>d</i> ₆ trihydrate, analytical standard	32853-10MG
(R)-3-(4-Cyanophenoxy)-N-[4-cyano-3-(trifluoromethyl)phenyl]-2-hydroxy-2-methylpropionamide, analytical standard	49973-25MG
Cyclopentylalendazole, VETRANAL™, analytical standard	32163-10MG
Cyclopentylalendazole sulfone, VETRANAL™, analytical standard	32165-10MG
Cyclopentylalendazole sulfoxide, VETRANAL™, analytical standard	32164-10MG
Cyclophosphamide monohydrate, analytical standard	93813-100MG
Cyclosporin A, VETRANAL™, analytical standard	32425-100MG

Standards for Routine Analytical Applications
Forensic & Veterinary Standards

* Name	Catalog Number
Cyclosporin A- ¹³ C ₆₂ solution, 25 µg/mL in acetonitrile, VETRANAL™, analytical standard	32489-1.2ML
Cymiazole, PESTANAL®, analytical standard	32407-100MG
Cysteamine S-phosphate sodium salt, analytical standard	C8397-50MG
Cythioate, PESTANAL®, analytical standard	37045-25MG
Danofloxacin, VETRANAL™, analytical standard	33700-100MG-R
Danofloxacin-(methyl-d ₃), VETRANAL™, analytical standard	32233-10MG
Dapsone, VETRANAL™, analytical standard	46158-250MG
Dapsone- ¹³ C ₁₂ , VETRANAL™, analytical standard	32599-10MG
9-Decenoic acid, analytical standard	44191-100MG
Decoquinat, VETRANAL™, analytical standard	33823-100MG
Decoquinat-d ₅ , VETRANAL™, analytical standard	32552-10MG
Demeclocycline hydrochloride hydrate, VETRANAL™, analytical standard	46161-100MG
O-Demethylmetoprolol, analytical standard	80774-25MG
2'-Deoxycytidine hydrochloride, analytical standard, ≥99%	D8006-1G D8006-10G
(-)-Deoxyephedrine, analytical standard	D6787-1G
4-Deoxypyridoxine hydrochloride, analytical standard	D0501-500MG D0501-1G
Desbutylbupivacaine, analytical standard	18479-100MG
Desmethyl-4'-chlorodiazepam, analytical standard, >96%, solid	C150-5MG
Desmethyldiazepam, analytical standard	D7282-5MG D7282-10MG D7282-25MG
O-Desmethylnaproxen, analytical standard	95114-25MG
Desogestrel, VETRANAL™, analytical standard	32809-25MG
Desoxycarbadox, VETRANAL™, analytical standard	32133-10MG
Desoxycarbadox-(methyl-d ₃), VETRANAL™, analytical standard	32134-10MG
Detomidine hydrochloride monohydrate, VETRANAL™, analytical standard	32465-10MG
Dexamethasone, VETRANAL™, analytical standard	46165-250MG
Dexamethasone 21-acetate, VETRANAL™, analytical standard	46166-100MG
Diaveridine, analytical standard, ≥99.0% (TLC)	D9516-250MG
Diaveridine, VETRANAL™, analytical standard	46174-100MG
Diazepam solution, 1.0 mg/mL in methanol, analytical standard, for drug analysis	D9900-1ML
Dibucaïne hydrochloride, analytical standard, ≥99%	D0638-1G D0638-5G D0638-25G
2,6-Dichlorodiphenylamine, analytical standard	75538-100MG
N-(2,6-Dichlorophenyl)-2-indolinone, analytical standard	18477-100MG
p-(N,N-Dichlorosulfamyl)benzoic acid, analytical standard, ≥70% (TLC)	D7044-100G
Diclazuril, VETRANAL™, analytical standard	34057-100MG-R
Diclofenac sodium salt, analytical standard	93484-100MG
Diclofenac-(acetophenyl ring- ¹³ C ₆) sodium salt hemi (nonahydrate), VETRANAL™, analytical standard	35361-10MG
Dicloxacillin sodium salt hydrate, VETRANAL™, analytical standard	46182-100MG
Diethylcarbamazine citrate salt, VETRANAL™, analytical standard	31704-250MG
Diethylstilbestrol, VETRANAL™, analytical standard	46207-250MG
Diethylstilbestrol dipropionate, analytical standard, for drug analysis	D3881-1G
Difloxacin hydrochloride, VETRANAL™, analytical standard	33984-100MG-R
Difloxacin-d ₃ hydrochloride trihydrate, VETRANAL™, analytical standard	32987-10MG
Diflunisal, analytical standard	D3281-5G

* Name	Catalog Number
Digoxigenin, analytical standard	D9026-25MG D9026-100MG D9026-500MG
Digoxin, analytical standard	D6003-100MG D6003-1G D6003-5G
Dihydroartemisinin, analytical standard, mixture of α and β isomers	D7439-50MG
10,11-Dihydrocarbamazepine, analytical standard	30880-5MG 30880-25MG
10,11-Dihydro-10-hydroxycarbamazepine, analytical standard	61347-25MG
Dihydrotachysterol, analytical standard	D9257-50MG
2,5-Dimethyl-celecoxib, VETRANAL™, analytical standard	35342-10MG
2,5-Dimethylpyrazine, analytical standard	84233-1ML 84233-5ML
5,6-Dimethyl-2-thiouracil, analytical standard	80029-25MG
Dimetridazol-d ₃ , analytical standard	34196-10MG
Dimetridazole, VETRANAL™, analytical standard	31707-250MG
Diminazene aceturate, analytical standard	D7770-1G
Dinitolmide-(4,6-d ₂ , methyl-d ₃), VETRANAL™, analytical standard	32363-10MG
Diosmin, analytical standard	D3525-5G D3525-25G
Diperodon hydrochloride, analytical standard	D8536-5G
Dipyron monohydrate, VETRANAL™, analytical standard	46232-250MG
Dirithromycin, analytical standard, for drug analysis	D4065-1G
Doramectin, VETRANAL™, analytical standard	33993-100MG-R
Doripenem monohydrate, VETRANAL™, analytical standard	32138-25MG
Doxycycline hyclate, VETRANAL™, analytical standard	33429-100MG-R
Drofenine hydrochloride, analytical standard	D7402-10G
(±)-Dropropizine, analytical standard, for drug analysis	D4285-5G
Enalaprilat, analytical standard	43301-25MG
Enoxacin sesquihydrate, analytical standard	94426-100MG
Enoxacin-(piperazinyld ₈) hydrate, VETRANAL™, analytical standard	32187-10MG
Enrofloxacin, VETRANAL™, analytical standard	33699-100MG-R
Enrofloxacin-d ₅ hydrochloride, VETRANAL™, analytical standard	32983-10MG
4-Epianhrotetracycline hydrochloride, VETRANAL™, analytical standard	37921-100MG-R
4-Epitetracycline hydrochloride, VETRANAL™, analytical standard	37918-100MG-R
Eprinomectin, PESTANAL®, analytical standard	32526-100MG
Eprinomectin solution, 100 µg/mL in acetonitrile, PESTANAL®, analytical standard	34111-2ML 34111-10ML
Equilenin solution, 100 µg/mL in acetonitrile, VETRANAL™, analytical standard	33693-2ML-R
Equilin, VETRANAL™, analytical standard	46247-50MG
Erythromycin A dihydrate, VETRANAL™, analytical standard	46256-250MG
(-)-Eseroline fumarate salt, analytical standard, for drug analysis	E100-50MG
Esprocarb, PESTANAL®, analytical standard	33898-100MG-R
α-Estradiol, VETRANAL™, analytical standard	46542-100MG
β-Estradiol hemihydrate, VETRANAL™, analytical standard	31734-250MG
β-Estradiol 17-acetate, VETRANAL™, analytical standard	46551-100MG
β-Estradiol 3-benzoate, VETRANAL™, analytical standard	46552-50MG
Estriol, VETRANAL™, analytical standard	46565-100MG
Estrone, VETRANAL™, analytical standard	46573-250MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Forensic & Veterinary Standards

* Name	Catalog Number
Ethinamate, analytical standard	E3258-100MG
Ethisterone, VETRANAL™, analytical standard	46272-250MG
Ethopabate, VETRANAL™, analytical standard	33996-100MG-R
Ethosuximide, analytical standard	68459-100MG
4-Ethoxymethylene-2-phenyl-2-oxazolin-5-one, analytical standard, for drug analysis	E0753-1G E0753-5G E0753-10G
Ethyl 3-aminobenzoate methanesulfonate salt, analytical standard	A5040-25G A5040-100G A5040-250G
Ethyl 2-trans-4-cis-decadienoate, analytical standard	95563-25MG
Ethylhydrocupreine, analytical standard	E8253-5G
Ethylhydrocupreine hydrochloride, analytical standard	E9876-100MG E9876-1G E9876-5G
2-Ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine perchlorate, analytical standard, for drug analysis	E5264-10MG
3-(N-Ethyl-3-methylanilino)-2-hydroxypropanesulfonic acid sodium salt, for enzymic, spectrophotometric det. of H ₂ O ₂	E8631-1G E8631-5G
17 α -Ethinylestradiol, VETRANAL™, analytical standard	46263-250MG
Etofibrate, analytical standard	90013-25MG
Etoricoxib, VETRANAL™, analytical standard	32097-25MG
Famprofazone, analytical standard	F8639-10G
Febantel-d ₆ , VETRANAL™, analytical standard	32729-10MG
Fenbendazole, VETRANAL™, analytical standard	35032-100MG
Fenbendazole-d ₃ , VETRANAL™, analytical standard	32567-10MG
Fenbendazole-amine hydrochloride, VETRANAL™, analytical standard	32167-10MG
Fenbendazole sulfone, VETRANAL™, analytical standard	32544-10MG
Fenbendazole sulfone-d ₃ , VETRANAL™, analytical standard	32545-10MG
Fenbufen, analytical standard	F8755-5G F8755-10G
Fenofibrate, analytical reference material	55443-100MG
Fenopropfen calcium salt hydrate, analytical standard, for drug analysis	F1517-5G F1517-10G
Fenspiride hydrochloride, analytical standard, for drug analysis	F6145-5G F6145-25G
Finasteride, VETRANAL™, analytical standard	34202-100MG
Fipexide hydrochloride, analytical standard	F6270-5G
Firocoxib-(5,5-dimethyl-d ₆), VETRANAL™, analytical standard	35362-10MG
Flavomycin, VETRANAL™, analytical standard	32404-10MG
Fleroxacin, VETRANAL™, analytical standard	33930-100MG-R
Florfenicol, analytical standard, for drug analysis	F1427-500MG
Florfenicol amine, VETRANAL™, analytical standard	32492-10MG
Flubendazol, VETRANAL™, analytical standard	34091-100MG
Flubendazole-d ₃ , VETRANAL™, analytical standard	32839-10MG
Flucloxacillin sodium, VETRANAL™, analytical standard	32353-100MG
Flufenamic acid, analytical standard, for drug analysis	F9005-10G F9005-50G
Flufenamic acid-(benzoic ring- ¹³ C ₆), VETRANAL™, analytical standard	35363-10MG
Flumequine-(1,2,carboxy- ¹³ C ₃), VETRANAL™, analytical standard	32384-10MG
Flunixin, VETRANAL™, analytical standard	33586-100MG
Flunixin-d ₃ , VETRANAL™, analytical standard	34083-10MG
Fluocinolone acetonide, analytical standard	F8880-100MG F8880-1G
4-Fluorohippuric acid, analytical standard	56298-50MG
(R)-3-(4-Fluorophenoxy)-2-hydroxy-2-methyl-N-(4-nitro-3-trifluoromethylphenyl)propionamide, analytical standard	96677-25MG

* Name	Catalog Number
(S)-3-(4-Fluorophenoxy)-2-hydroxy-2-methyl-N-(4-nitro-3-trifluoromethylphenyl)propionamide, analytical standard	68114-25MG
6- α -Fluoroprednisolone, VETRANAL™, analytical standard	34206-100MG
Fluoxetine hydrochloride, VETRANAL™, analytical standard	34012-10MG-R
R-(-)-Fluoxetine hydrochloride, analytical standard	94644-5MG
Fluoxetine-d ₅ solution, 98 atom % D, 1 mg/mL in methanol, drug standard	613347-1ML
Flupirtine, analytical standard	44783-25MG
Folinic acid calcium salt hydrate, analytical standard	F7878-100MG F7878-500MG F7878-1G
4-Formylaminoantipyrine, VETRANAL™, analytical standard	32595-10MG
Furaltadon-d ₅ , VETRANAL™, analytical standard	34061-10MG-R
Furaltadone, VETRANAL™, analytical standard	46289-250MG
Furazolidone, VETRANAL™, analytical standard	46297-250MG
Furazolidone-d ₄ , VETRANAL™, analytical standard	32511-10MG
Gabexate mesylate, analytical standard, for drug analysis	G2417-5MG
Gamithromycin, VETRANAL™, analytical standard	32161-25MG
Gatifloxacin sesquihydrate, VETRANAL™, analytical standard	32345-50MG
Gemfibrozil, analytical standard	91823-100MG
Gentamicin sulfate salt hydrate, VETRANAL™, analytical standard	46305-250MG
Ginkgolide A from <i>Ginkgo biloba</i> leaves, analytical standard, $\geq 90\%$ (HPLC)	G4028-50MG
Glafenine, analytical standard	G6895-10G
Glafenine hydrochloride, analytical standard	G7020-1G
(\pm)-Gossypol-acetic acid, analytical standard, crystalline complex consisting of equimolar quantities of gossypol and acetic acid, $\sim 95\%$	G4382-250MG G4382-1G
Griseofulvin- ¹³ C ₁₇ solution, 25 μ g/mL in acetonitrile, VETRANAL™, analytical standard	32491-1.2ML
Guaiaicol glyceryl ether carbamate, analytical standard	G7012-5G
Halofuginone hydrobromide, VETRANAL™, analytical standard	32481-10MG
Haloperidol metabolite II, analytical standard	H102-25MG
Heneicosanoic acid, analytical standard	H5149-100MG H5149-1G
Heroin, analytical standard, $\geq 98\%$ (HPLC)	H159-25MG
Heroin hydrochloride monohydrate, analytical standard	67357-10MG
Heroin hydrochloride solution, 100 μ g/mL in methanol, analytical standard, for drug analysis	H5144-1ML
Hesperetin, analytical standard	H4125-1G H4125-10G
Hexestrol, analytical standard	H7753-1G H7753-5G
Hexestrol dipropionate, analytical standard, for drug analysis	H8387-5G
HMMNI, VETRANAL™, analytical standard	34003-10MG-R 34003-250MG-R
HMMNI-d ₃ , VETRANAL™, analytical standard	34207-10MG-R
Hydrastinine hydrochloride, analytical standard	H3126-100MG
Hydrocortisone, VETRANAL™, analytical standard	31719-250MG
Hydrocortisone 21-acetate, VETRANAL™, analytical standard	46329-250MG-R
Hydrocortisone 21-hemisuccinate, analytical standard	H2882-1G
Hydrocortisone 17-valerate, analytical standard	H5395-500MG
4-Hydroxyantipyrine, analytical standard	76561-100MG
4-[(3-endo)-3-Hydroxy-8-azabicyclo[3.2.1]oct-8-yl] naphthalene-1-carbonitrile, analytical standard	96443-25MG
m-Hydroxybenzoyllecgonine, analytical standard	H162-1MG

Standards for Routine Analytical Applications
Forensic & Veterinary Standards

* Name	Catalog Number
<i>p</i> -Hydroxybenzoylecgonine, analytical standard	H167-1MG
Hydroxybufuralol maleate salt, analytical standard, solid	H147-2MG
20 α -Hydroxycholesterol, analytical standard	H6378-5MG
4'-Hydroxydiclofenac, VETRANAL™, analytical standard	32412-10MG
2-Hydroxyestradiol, analytical standard	19692-2MG
4-Hydroxyestradiol, analytical standard	41171-2MG
6 α -Hydroxyestradiol, analytical standard	57451-1MG
Hydroxyfenbendazole-(<i>methyl</i> -d ₃) monohydrate, VETRANAL™, analytical standard	32356-10MG
Hydroxyflubendazole, VETRANAL™, analytical standard	32172-10MG
5-Hydroxyflunixin, VETRANAL™, analytical standard	32463-10MG
1-Hydroxyibuprofen, VETRANAL™, analytical standard	32496-10MG
2-Hydroxyibuprofen, VETRANAL™, analytical standard	32451-10MG
3-Hydroxyibuprofen, VETRANAL™, analytical standard	32494-10MG
3-Hydroxyibuprofen solution, ~1 mg/mL in ethanol, analytical standard	50801-1ML
Hydroxymebendazole-d ₃ , VETRANAL™, analytical standard	32843-10MG
5-Hydroxymebendazole, VETRANAL™, analytical standard	35404-10MG
<i>p</i> -Hydroxymethamphetamine, analytical standard, for drug analysis	H9645-25MG
17 β -Hydroxy-17-methylandrosta-1,4-dien-3-one, analytical standard	90151-100MG
Hydroxymethylclenbuterol, VETRANAL™, analytical standard	32826-10MG
Hydroxymethylclenbuterol hydrochloride, VETRANAL™, analytical standard	32156-10MG
(\pm)- <i>N</i> -Hydroxy-3,4-methylenedioxyamphetamine, analytical standard	H161-10MG
α -Hydroxymetoprolol, analytical standard	80073-25MG
5-Hydroxyomeprazole, analytical standard	43999-5MG
5-Hydroxyomeprazole sulfide, analytical standard	91949-5MG
5-Hydroxyomeprazole sulfone, analytical standard	36231-5MG
5'-Hydroxypiroxicam, VETRANAL™, analytical standard	32122-10MG
17 α -Hydroxyprogesterone, VETRANAL™, analytical standard	46337-250MG
4-Hydroxytamoxifen, analytical standard, (<i>E</i>) and (<i>Z</i>) isomers (50:50)	T176-10MG T176-50MG
4-Hydroxytamoxifen, (<i>E</i>) and (<i>Z</i>) isomers (50:50), analytical standard	94873-10MG
4-Hydroxy-tetramisole, VETRANAL™, analytical standard	32169-10MG
Hydroxytriclabendazole, VETRANAL™, analytical standard	32171-10MG
Hydroxyzine pamoate salt, analytical standard	H9010-10G
Ibuprofen	I110-1G I110-5G
Ibuprofen sodium salt, analytical standard, \geq 98% (GC)	I1892-100G I1892-500G
Ibuprofen-d ₃ , analytical standard	55264-50MG
Ibuprofen acyl- β -D-glucuronide, analytical standard	68899-5MG
Imibenconazole solution, 100 μ g/mL in acetonitrile, VETRANAL™, analytical standard	32725-2ML
Imidocarb dihydrochloride monohydrate, VETRANAL™, analytical standard	32123-10MG
Imidocarb dipropionate, VETRANAL™, analytical standard	33441-50MG
Indapamide, analytical standard, for drug analysis	I1887-250MG I1887-1G I1887-5G
Indoprofen, analytical standard	I3132-1G
Iodipamide, analytical standard, for drug analysis	I0639-5G

* Name	Catalog Number
<i>p</i> -Iodoclonidine hydrochloride, analytical standard, for drug analysis	I114-25MG-I
Iofetamine hydrochloride, analytical standard, for drug analysis	I120-25MG
Iohexol, analytical standard	74147-50MG
Iopanoic acid, analytical standard	14131-100MG
Ipronidazole, VETRANAL™, analytical standard	32173-10MG
Ipronidazole-OH, VETRANAL™, analytical standard	34004-10MG-R 34004-100MG-R
Ipronidazole-OH-(<i>N-methyl</i> -d ₃), VETRANAL™, analytical standard	32189-10MG
Isepamicin sulfate, VETRANAL™, analytical standard	32159-25MG
Isobarbituric acid, analytical standard	I0627-1G
Isoniazid, analytical standard, \geq 99% (TLC)	I3377-5G I3377-50G I3377-250G
4-Isopropylantipyrine, analytical reference material	43689-100MG
Isoxicam, analytical standard	I1762-1G
Isoxsuprine hydrochloride, analytical standard	I0880-5G
Kasugamycin hydrochloride, VETRANAL™, analytical standard	32354-100MG
Kavergal 1, analytical standard, 65% (NMR), solid	K4512-100MG
<i>N</i> -(β -Ketocaproyl)-DL-homoserine lactone, analytical standard	K3255-25MG K3255-50MG
α -Ketoglutaric acid disodium salt hydrate, analytical standard, \geq 95%	K3752-5G K3752-100G K3752-1KG
Ketoprofen, VETRANAL™, analytical standard	34016-100MG-R
Ketoprofen-d ₃ , VETRANAL™, analytical standard	32673-10MG
Ketotriclabendazole, VETRANAL™, analytical standard	32162-10MG
Lanoconazole, VETRANAL™, analytical standard	32991-25MG
Lapidine, analytical standard, 97% (TLC), solid	L7913-10MG
Lapiferine, analytical standard, 97% (TLC), solid	L8038-10MG
Lasalocid A sodium salt solution, 100 μ g/mL in acetonitrile, VETRANAL™, analytical standard	33339-2ML
Leucomisine, analytical standard, 98% (TLC), amorphous powder	L8163-100MG
Leucomycin hydrate, VETRANAL™, analytical standard	31721-250MG
Levamisol hydrochloride, VETRANAL™, analytical standard	31742-250MG
Levetiracetam, analytical standard	78645-10MG
Levothyroxine sodium hydrate, PESTANAL®, analytical standard	32995-25MG
Lidocaine <i>N</i> -ethyl bromide, analytical standard, for drug analysis	L5783-50MG L5783-250MG
Lincomycin hydrochloride monohydrate, VETRANAL™, analytical standard	31727-250MG
Lipoic acid, reduced, analytical standard	T8260-25MG T8260-100MG T8260-1G
Lithium 3,5-diiodosalicylate, analytical standard	D3635-1G D3635-5G D3635-25G
Loperamide hydrochloride, VETRANAL™, analytical standard	34014-100MG-R
Losartan potassium, analytical standard	61188-100MG
Luxabendazole, VETRANAL™, analytical standard	32175-25MG
Luxabendazole-(<i>methyl</i> -d ₃), VETRANAL™, analytical standard	32183-10MG
Lysozyme from chicken egg white, VETRANAL™, analytical standard	34046-100MG-R
Mabuterol hydrochloride, VETRANAL™, analytical standard	32573-10MG
Mabuterol-(<i>tert</i> -butyl-d ₉) hydrochloride, VETRANAL™, analytical standard	35343-10MG
Maduramicin ammonium, VETRANAL™, analytical standard	34069-100MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Forensic & Veterinary Standards

* Name	Catalog Number
Malachite Green oxalate salt, VETRALAN™, analytical standard	46396-250MG
Mapenterol hydrochloride, VETRALAN™, analytical standard	49358-5MG
Mapenterol-(dimethyl-d ₆ , propyl-d ₃) hydrochloride, VETRALAN™, analytical standard	32479-10MG
Marbofloxacin, VETRALAN™, analytical standard	34039-100MG-R
Mebendazole, analytical standard, ≥98% (HPLC)	M2523-25G
Mebendazole-d ₃ , VETRALAN™, analytical standard	32842-10MG
Mebendazole-amine, VETRALAN™, analytical standard	35403-10MG
Mebeverine hydrochloride, analytical standard	M3282-10G
Mebhydroline 1,5-naphthalenedisulfonate salt, analytical standard	M5279-1G
Mecillinam, VETRALAN™, analytical standard	33447-100MG
Medroxyprogesterone, VETRALAN™, analytical standard	46411-100MG
Medroxyprogesterone 17-acetate, VETRALAN™, analytical standard	46412-250MG
Mefenamic acid, analytical standard	92574-250MG
Mefenamic acid-(benzoic ring- ¹³ C ₆), VETRALAN™, analytical standard	35364-10MG
Mefexamide hydrochloride, analytical standard, for drug analysis	M8402-5G
Megestrol acetate, analytical standard, for drug analysis	M0513-1G M0513-5G
Megestrol acetate, VETRALAN™, analytical standard	46420-100MG
Melamine-(triamine- ¹⁵ N ₃), analytical standard	80038-10MG
Melengestrol acetate, VETRALAN™, analytical standard	33998-100MG-R
Meloxicam-d ₃ , VETRALAN™, analytical standard	34109-50MG
Mepenzolate bromide, analytical standard	M5651-5G
Meperidine solution, 1 mg/mL in methanol, drug standard	610593-1ML
Mepirizole, analytical standard	M9017-10G
Meprobamate, analytical standard	M2392-50MG M2392-250MG
Meptyldinocap, PESTANAL®, analytical standard	32098-25MG
2-Mercaptobenzimidazole, analytical standard	51810-50MG
6-Mercaptopurine, analytical standard	38171-25MG
Meropenem trihydrate, VETRALAN™, analytical standard	32460-25MG
Mersaly acid, analytical standard	M9784-1G
Mesterolone, analytical standard	M7655-100MG
Methacycline hydrochloride, VETRALAN™, analytical standard	37906-100MG-R 37906S-100G-R
α-Methadone-d ₃ solution, 98 atom % D, 1 mg/mL in methanol, drug standard	610771-1ML
(+)-Methamphetamine hydrochloride solution, analytical standard, for drug analysis, 1.0 mg/mL in methanol	M5260-1ML
Methaqualone-d ₇ solution, 1 mg/mL in methanol, drug standard, 98 atom % D	610658-1ML
Methimazole, VETRALAN™, analytical standard	46429-250MG
Methimazole, analytical standard	M8506-25G M8506-100G
2-Methoxyestradiol, analytical standard	89242-1MG
2-Methoxyestrone, analytical standard	73532-25MG
(+)-3-Methoxymorphinan hydrochloride, analytical standard, for drug analysis	M187-25MG M187-100MG
8-Methoxypsoralen, analytical standard	M3501-1G M3501-5G
6-Methoxytryptamine, analytical standard	M7384-100MG M7384-1G
5-Methoxytryptophol, analytical standard	M4126-100MG
2-(Methylamino)propiofenone hydrochloride solution, drug standard, 1.0 mg/mL in methanol	M8536-1ML

* Name	Catalog Number
17α-Methylandrostan-17β-ol-3-one, analytical standard	M5626-5G
5-Methyl-N,N-dimethyltryptamine, analytical standard	M1639-100MG
(±)-3,4-Methylenedioxyamphetamine hydrochloride solution, analytical standard, for drug analysis, 1.0 mg/mL in methanol	M5029-1ML
3-Methylhistamine dihydrochloride, analytical standard	M7780-50MG
4-Methylmethcathinone hydrochloride, analytical standard	92481-10MG
4-Methylmethcathinone-d ₃ hydrochloride, analytical standard	73903-10MG
{2-Methyl-4-[(4-methyl-2-[4-(trifluoromethyl)phenyl]-5-thiazolyl)methylthio]phenoxy}acetic acid, analytical standard	43732-25MG
1-Methylnicotinamide chloride, analytical standard	M4627-1G
2-(2-Methyl-5-nitro-1H-imidazol-1-yl)acetic acid, analytical standard	72858-25MG
4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol, analytical standard	59773-10MG
4-(Methyl-d ₃ -nitrosamino)-1-(3-pyridyl)-1-butanol, analytical standard	94454-1MG
4-(Methyl-d ₃ -nitrosamino)-1-(3-pyridyl)-1-butanone, analytical standard	49578-2MG
4-(Methylnitrosoamino)-1-(3-pyridinyl)-1-butanone, analytical standard	78013-10MG
2-Methyl-2-[8-nitro-3a,4,5,9b-tetrahydro-3H-cyclopenta[c]quinolin-4-yl]propan-1-ol, analytical standard	93746-25MG
6α-Methylprednisolone, VETRALAN™, analytical standard	46436-100MG
3-Methyl-2-quinoxalinecarboxylic acid, VETRALAN™, analytical standard	32862-50MG
6-Methyl-2-thiouracil, VETRALAN™, analytical standard	46453-250MG
Meticrane, analytical standard	M6902-5G
Metoclopramide, VETRALAN™, analytical standard	32473-100MG
(±)-Metoprolol (+)-tartrate salt, analytical standard	80337-100MG
Metronidazole, analytical standard	M3761-5G M3761-25G M3761-100G
Metronidazole, VETRALAN™, analytical standard	46461-250MG
Metronidazole- ¹³ C ₂ , ¹⁵ N ₂ , VETRALAN™, analytical standard	32744-10MG
Metronidazole β-D-glucuronide, analytical standard	50383-5MG
Metronidazole-OH, VETRALAN™, analytical standard	34007-10MG-R
Microcystin-LR solution, 10 µg/mL in methanol, analytical standard	33893-1ML-R
Microcystin-LW solution	33763-1ML
Microcystin-RR solution, 10 µg/mL in methanol, analytical standard	33577-1ML
Microcystin RR-YR-LR solution, 5 µg/mL in methanol (each), analytical standard	33578-1ML
Microcystin-YR solution, 10 µg/mL in methanol, analytical standard	33576-1ML
Midodrine hydrochloride, analytical standard, for drug analysis	M8277-50MG M8277-1G
Miloxacin-d ₃ , VETRALAN™, analytical standard	32549-10MG
Minaprine dihydrochloride, analytical standard	M3157-1G
Monensin sodium salt hydrate, VETRALAN™, analytical standard	46468-100MG
Monoethylglycineylidene, analytical standard	16866-25MG
Morantel tartrate hydrate, VETRALAN™, analytical standard	46473-250MG
Morphine sulfate salt pentahydrate, analytical standard	44179-10MG
Morphine sulfate salt solution, 1.0 mg/mL in methanol, drug standard	M9524-1ML
Morphine-d ₃ hydrochloride trihydrate, analytical standard	M3402-5MG

Standards for Routine Analytical Applications
Forensic & Veterinary Standards

* Name	Catalog Number
Moxalactam sodium salt, analytical standard	M8158-1G M8158-5G
Moxidectin, VETRANAL™, analytical standard	33746-25MG
Mycophenolic acid, analytical standard	89287-10MG
Nabumetone, analytical standard	N6142-5G N6142-10G
NaDMDTC-d ₆ dihydrate, PESTANAL® [®] , analytical standard	32613-10MG
Nadolol, analytical standard	N1892-1G N1892-5G
Nafcillin sodium salt, VETRANAL™, analytical standard	32071-100MG
Nafronyl oxalate salt, analytical standard	N1391-5G
Nalidixic acid, analytical standard	97023-100MG
Nalidixic acid-(ethyl-d ₅), VETRANAL™, analytical standard	32184-10MG
Naproxen, VETRANAL™, analytical standard	46482-250MG
(S)-Naproxen acyl-β-D-glucuronide, analytical standard	77823-5MG
Natamycin, VETRANAL™, analytical standard	32417-50MG
Neomycin trisulfate salt hydrate, VETRANAL™, analytical standard	33492-100MG-R
Nequinatone, VETRANAL™, analytical standard	33448-25MG
Nicarbazin, VETRANAL™, analytical standard	32409-100MG
Nicergoline, analytical standard, for drug analysis	N7889-100MG
Nicosamide-(2-chloro-4-nitrophenyl- ¹³ C ₆) hydrate, VETRANAL™, analytical standard	35365-10MG
(-)-Nicotine solution, 1.0 mg/mL, analytical standard, for drug analysis	N5511-1ML
(±)-Nicotine-d ₃ salicylate salt, 98 atom % D	N5768-5MG N5768-10MG
Niflumic acid-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	32482-10MG
Nifuroxazide, VETRANAL™, analytical standard	46494-100MG
Nifurpirinol, VETRANAL™, analytical standard	32439-50MG
2-Nitrobenzaldehyde semicarbazone, VETRANAL™, analytical standard	33871-10MG-R
2-Nitrobenzaldehyde semicarbazone- ¹³ C ₆ , ¹⁵ N ₂ , VETRANAL™, analytical standard	34011-10MG-R
Nitrofurantoin, VETRANAL™, analytical standard	46502-250MG
Nitrofurantoin- ¹³ C ₃ , VETRANAL™, analytical standard	32513-10MG
Nitrofurazone solution, 100 µg/mL in acetonitrile, VETRANAL™, analytical standard	31706-2ML 31706-10ML
Nitrofurazone- ¹³ C ₆ , ¹⁵ N ₂ , VETRANAL™, analytical standard	32512-10MG
Nitromide, VETRANAL™, analytical standard	46518-250MG
N-Nitrosoanabasine, analytical standard	75283-2MG
N-Nitrosoanatabine, analytical standard	75281-5MG
N'-Nitrososornicotine, analytical standard	75285-2MG
4-Nitrososulfamethoxazole, analytical standard	73952-10MG
Nitroxinil, VETRANAL™, analytical standard	34088-100MG
Nitroxynil-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	35367-10MG
Nivalenol- ¹³ C ₁₅ solution, 25 µg/mL in acetonitrile, analytical standard	32192-1.2ML
Nizatidine, analytical standard	N7035-5G N7035-10G
Nordoxepin hydrochloride, analytical standard, ≥98% mixed isomers basis (GC), powder	N0392-25MG
19-Norethindrone acetate, VETRANAL™, analytical standard	46527-100MG
Norfentanyl monohydrate, analytical standard	61338-25MG
Norfloracin, analytical standard, ≥98% (TLC)	N9890-1G N9890-5G
Norfloracin, VETRANAL™, analytical standard	33899-100MG-R
Norfloracin-d ₅ , VETRANAL™, analytical standard	34058-10MG-R

* Name	Catalog Number
o(-)-Norgestrel, analytical standard	N2260-100MG N2260-1G
o-Norprooxyphene maleate salt, analytical standard	N2515-50MG
Nor-S(-)-SCH-23388 hydrochloride, analytical standard	S115-5MG
Nor-R(+)-SCH-23390 hydrochloride, analytical standard	S114-5MG
Noscapine hydrochloride hydrate, analytical standard	N9007-5G N9007-25G
Novobiocin sodium salt, VETRANAL™, analytical standard	46531-250MG
2-NP-AHD, VETRANAL™, analytical standard	33870-10MG-R
2-NP-AHD- ¹³ C ₃ , VETRANAL™, analytical standard	34010-10MG-R
2-NP-AMAZ, VETRANAL™, analytical standard	33869-10MG-R
2-NP-AMAZ-d ₅ , VETRANAL™, analytical standard	34009-10MG-R
2-NP-AOZ, VETRANAL™, analytical standard	33868-10MG-R
2-NP-AOZ-d ₄ , VETRANAL™, analytical standard	34008-10MG-R
Ofloxacin, VETRANAL™, analytical standard	33703-100MG-R
Ofloxacin-d ₃ , VETRANAL™, analytical standard	32436-10MG
Olaquinox, VETRANAL™, analytical standard	33987-100MG-R
Olaquinox-(ethylene-d ₄), VETRANAL™, analytical standard	32112-10MG
Omeprazole, analytical reference material	19329-50MG
Omeprazole-(5-methoxy-d ₃), analytical standard	50849-5MG
Omeprazole 5-carboxylic acid disodium salt, analytical standard	43805-5MG
Omeprazole sulfide-(5-methoxy-d ₃), analytical standard	74904-5MG
Omeprazole sulfone, analytical standard	94319-5MG
Omeprazole sulfone-(5-methoxy-d ₃), analytical standard	44116-5MG
Orbifloxacin, VETRANAL™, analytical standard	34041-100MG-R
Orciprenaline acetate salt hemihydrate, VETRANAL™, analytical standard	32237-10MG
Orciprenaline-(isopropyl-d ₇) acetate salt hemihydrate, VETRANAL™, analytical standard	32238-10MG
Ornidazole, analytical standard	O5879-5G
Orphenadrine citrate salt, analytical standard	O4630-5G
Oxacillin sodium salt monohydrate, VETRANAL™, analytical standard	46589-100MG
Oxantel pamoate, analytical standard	O4755-1G
Oxcarbazepine, analytical standard	19532-10MG
Oxeladin citrate salt, analytical standard	O3878-25G
Oxethazaine, analytical standard	O5380-5G
Oxfendazole, VETRANAL™, analytical standard	34176-100MG
Oxfendazole-d ₃ , VETRANAL™, analytical standard	32543-10MG
Oxibendazole, VETRANAL™, analytical standard	32924-100MG
Oxibendazole-d ₇ , VETRANAL™, analytical standard	32737-10MG
Oxolinic acid, analytical standard	67126-100MG
Oxolinic acid-(ethyl-d ₅), VETRANAL™, analytical standard	32186-10MG
Oxyclozanide, VETRANAL™, analytical standard	34078-100MG
Oxyclozanide-(benzoyl ring- ¹³ C ₆), VETRANAL™, analytical standard	35379-10MG
Oxycodone hydrochloride, analytical standard	O1378-500MG
Oxycodone hydrochloride solution, 1.0 mg/mL in methanol, analytical standard, for drug analysis	O2628-1ML
Oxymetazoline hydrochloride, analytical standard	55591-100MG
Oxymetholone, analytical standard	O0380-5G
o-Pantethine, analytical standard	P2125-1G P2125-5G
Paracetamol β-D-glucuronide, analytical standard	43073-5MG
Paracetamol sulfate potassium salt, analytical standard	89604-1MG
Parbendazole, VETRANAL™, analytical standard	32438-25MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Forensic & Veterinary Standards

* Name	Catalog Number
Parecoxib, VETRANAL™, analytical standard	32152-25MG
Pasiniazid, analytical standard	I2637-10G
Pazufloxacin, VETRANAL™, analytical standard	34213-25MG
Pefabloc® SC, analytical standard	76307-100MG 76307-500MG 76307-1G
Pefloxacin-d ₅ , VETRANAL™, analytical standard	32551-10MG
(±)-Penbutolol hydrochloride, VETRANAL™, analytical standard	32838-10MG
(±)-Penbutolol-(<i>tert</i> -butyl-d ₉) hydrochloride, VETRANAL™, analytical standard	32105-10MG
Penicillin G potassium salt, VETRANAL™, analytical standard	46609-250MG
Penicillin V potassium salt, VETRANAL™, analytical standard	46616-250MG
Penicillin G-d ₇ - <i>N</i> -ethylpiperidinium salt, VETRANAL™, analytical standard	32985-10MG
Phenazopyridine hydrochloride, VETRANAL™, analytical standard	34076-100MG
Phencyclidine solution, 1 mg/mL in methanol, drug standard	610305-1ML
Phenformin hydrochloride, analytical standard	P7045-1G P7045-10G
Phenothiazine, VETRANAL™, analytical standard	46624-250MG
4-Phenylbenzaldoxime, analytical standard	P5251-1G
Phenylbutazone, analytical standard	79184-50MG
Phenylbutazone-(diphenyl- ¹³ C ₁₂), VETRANAL™, analytical standard	32493-10MG
Phthalylsulfacetamide, analytical standard	P1383-100G
<i>N</i> ⁴ -Phthalylsulfathiazole, VETRANAL™, analytical standard	46901-250MG-R
Pimethixene maleate salt, analytical standard	P4545-250MG
Pinocembrin, analytical standard, 95% (TLC), solid	P5239-50MG
Piperacillin sodium salt, analytical standard	93129-100MG
Piperazine hexahydrate, analytical standard	P7003-200G P7003-1KG
Pirbuterol acetate, VETRANAL™, analytical standard	32142-10MG
Pirbuterol-(<i>tert</i> -butyl-d ₉) acetate, VETRANAL™, analytical standard	32115-10MG
Piroxicam-(<i>methyl</i> -d ₃), VETRANAL™, analytical standard	32114-10MG
Poly(ethyleneimine) solution, analytical standard, 50 % (w/v) in H ₂ O	P3143-100ML P3143-500ML P3143-1L
Polymyxin B solution, 1 mg/mL in H ₂ O, analytical standard	81271-10ML
Pramoxine hydrochloride, analytical standard, ≥98%	P9422-10G P9422-25G
Praziquantel, VETRANAL™, analytical standard	46648-250MG
Praziquantel-(<i>cyclohexyl</i> -d ₁₁), VETRANAL™, analytical standard	32357-10MG
Prednisolone, VETRANAL™, analytical standard	46656-250MG
Prednisolone 21-acetate, VETRANAL™, analytical standard	46657-250MG
5α-Pregnane-3,11,20-trione, analytical standard, for drug analysis	P3421-50MG P3421-100MG
Pridinol methanesulfonate salt, analytical standard	P4419-5G P4419-25G
Primidone, analytical standard	P7295-5G
Proadifen hydrochloride, analytical standard, ≥95%	P1061-100MG P1061-500MG
Probulol, analytical standard	P9672-1G P9672-50G
Procaine hydrochloride, VETRANAL™, analytical standard	46608-250MG
Progesterone, VETRANAL™, analytical standard	46665-250MG
Promazine hydrochloride, VETRANAL™, analytical standard	46674-250MG

* Name	Catalog Number
Promethazine hydrochloride, VETRANAL™, analytical standard	46682-250MG
Promethazine-(<i>N,N</i> -dimethyl-d ₆) hydrochloride, VETRANAL™, analytical standard	32158-10MG
1,2-Propanediol, analytical reference material	55417-1ML
Proparacaine hydrochloride, analytical standard	P4554-1G
Propionylpromazine hydrochloride, VETRANAL™, analytical standard	46689-100MG
Propionylpromazine-d ₆ hydrochloride, VETRANAL™, analytical standard	32837-10MG
(±)-Propranolol hydrochloride, analytical reference material	40543-100MG
6-Propyl-2-thiouracil, VETRANAL™, analytical standard	46698-250MG
Prothipendyl-(<i>dimethyl</i> -d ₆) oxalate, VETRANAL™, analytical standard	32109-10MG
Pseudoerythromycin A enol ether, analytical standard	38874-5MG
Puerarin, analytical standard	P5555-100MG
Pyrantel pamoate, VETRANAL™, analytical standard	46702-250MG
Pyridoxamine dihydrochloride, analytical standard, ≥98%	P9380-1G P9380-5G P9380-25G
Pyrimethamine, VETRANAL™, analytical standard	46706-250MG
Pyriproxifen, PESTANAL®, analytical standard	34174-100MG
Pyriothioxin, analytical standard	P7171-25G
Pyriothioxin dihydrochloride, analytical standard	P5156-25G
Quinaldine, analytical standard, ≥90% (GC)	Q2125-500ML Q2125-1L
Quinaldine phosphate salt, analytical standard	Q2626-25G
Quinidine gluconate salt, analytical standard	Q5001-5G
Ractopamine hydrochloride, VETRANAL™, analytical standard	34198-100MG
Rafoxanide, PESTANAL®, analytical standard	34042-100MG-R
Rafoxanide-(benzoyl ring- ¹³ C ₆), VETRANAL™, analytical standard	35381-10MG
Rapamycin, VETRANAL™, analytical standard	37094-10MG
Resveratrol, analytical standard	34092-100MG
Retigabine, analytical standard	90221-25MG
Rifampicin, VETRANAL™, analytical standard	46713-100MG
Rifaximin, VETRANAL™, analytical standard	33999-100MG-R
Ritalinic acid, analytical standard	89885-5MG
Robenidine hydrochloride, VETRANAL™, analytical standard	33979-100MG-R
Robenidine-d ₈ hydrochloride, VETRANAL™, analytical standard	32942-10MG
Ronidazole, analytical standard	R7635-5G
Roxarsone, VETRANAL™, analytical standard	46724-250MG
Salbutamol, VETRANAL™, analytical standard	46725-100MG
Salbutamol hemisulfate salt, VETRANAL™, analytical standard	46732-250MG
Salbutamol acetate, VETRANAL™, analytical standard	32146-10MG
Salbutamol-(<i>tert</i> -butyl-d ₉) acetate, VETRANAL™, analytical standard	32143-10MG
Salinomycin monosodium salt hydrate, VETRANAL™, analytical standard	46729-100MG
Sarafloxacin hydrochloride hydrate, VETRANAL™, analytical standard	33497-100MG-R
Sarafloxacin-d ₆ hydrochloride trihydrate, VETRANAL™, analytical standard	33756-10MG
SCA- ¹³ C- ¹⁵ N ₂ hydrochloride, VETRANAL™, analytical standard	33882-10MG-R
S(-)-SCH-23388, Des-chloro hydrochloride, analytical standard	S119-5MG
S(-)-SCH-23388, Iodo analog hydrochloride, analytical standard, solid	S121-5MG

Standards for Routine Analytical Applications
Forensic & Veterinary Standards

* Name	Catalog Number
Secnidazole hemihydrate, VETRANAL™, analytical standard	35382-10MG
Secobarbital, analytical standard	S1503-100MG
Secobarbital-d ₅ , analytical standard, 97 atom % D	S5147-5MG
Selamectin, VETRANAL™, analytical standard	32476-10MG
Semicarbazide hydrochloride, VETRANAL™, analytical standard	33656-100MG-R
Simvastatin, analytical standard	38956-10MG
Sodium 4-hydroxybenzoate, analytical standard	H3766-25G H3766-100G
Sodium 2-mercaptoethanesulfonate, analytical standard, ≥98.0% (titration)	M1511-5G M1511-10G M1511-25G
(±)-Sotalol hydrochloride, analytical standard	39863-10MG
Sparfloxacin, VETRANAL™, analytical standard	33967-100MG-R
Spectinomycin dihydrochloride pentahydrate, VETRANAL™, analytical standard	46738-250MG
Spiramycin from <i>Streptomyces</i> sp., VETRANAL™, analytical standard	46745-100MG
Stanozolol, analytical standard	S7132-1G
Staurosporine, VETRANAL™, analytical standard	37095-10MG
Streptomycin solution, ~1 mg/mL in 1 mM EDTA, analytical standard	85886-10ML
Streptomycin sesquisulfate hydrate, VETRANAL™, analytical standard	46754-250MG
Sudan II-(naphthyl-d ₆), analytical standard	32478-10MG
Sulbactam, analytical reference material	94876-10MG
Sulfabenzamide, VETRANAL™, analytical standard	46762-250MG
Sulfacetamide, VETRANAL™, analytical standard	46770-250MG
Sulfachloropyrazine-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	32117-10MG
Sulfachloropyridazine, VETRANAL™, analytical standard	46778-250MG
Sulfachloropyridazine-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	32548-10MG
Sulfaclozine sodium, VETRANAL™, analytical standard	32421-100MG
Sulfadiazine, VETRANAL™, analytical standard	35033-100MG
Sulfadiazine sodium salt, analytical standard, ≥98%	S6387-25G S6387-100G
Sulfadiazine-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	32518-10MG
Sulfadimethoxine, analytical standard, ≥98.5% (TLC)	S7007-10G S7007-25G S7007-100G
Sulfadimethoxine, VETRANAL™, analytical standard	46794-250MG
Sulfadimethoxine sodium salt, analytical standard	S7385-10G
Sulfadimethoxine-d ₆ , VETRANAL™, analytical standard	32996-10MG
Sulfadimethoxine-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	35383-10MG
Sulfadoxin, VETRANAL™, analytical standard	31736-250MG
Sulfadoxine-d ₃ , VETRANAL™, analytical standard	32997-10MG
Sulfaguandine, VETRANAL™, analytical standard	32402-100MG
Sulfamerazine, VETRANAL™, analytical standard	46826-250MG
Sulfamerazine-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	32517-10MG
Sulfamer, VETRANAL™, analytical standard	46834-250MG
Sulfamethazine, VETRANAL™, analytical standard	46802-250MG
Sulfamethazine-(phenyl- ¹³ C ₆) hemihydrate, VETRANAL™, analytical standard	32519-10MG
Sulfamethizole, analytical standard, ≥99% (HPLC)	S5632-10G S5632-25G
Sulfamethizole, VETRANAL™, analytical standard	46842-250MG-R
Sulfamethizole-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	35384-10MG

* Name	Catalog Number
Sulfamethoxazole, analytical standard	S7507-10G S7507-100G
Sulfamethoxazole, VETRANAL™, analytical standard	31737-250MG
Sulfamethoxazole hydroxylamine, analytical standard	91369-25MG
Sulfamethoxazole-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	32514-10MG
Sulfamethoxypridazine, analytical standard	S7257-5G S7257-25G
Sulfamethoxypridazine, VETRANAL™, analytical standard	46858-250MG-R
Sulfamethoxypridazine-d ₃ , analytical standard	32981-10MG
Sulfamonomethoxine, VETRANAL™, analytical standard	32091-100MG
Sulfamonomethoxine-(phenyl- ¹³ C ₆) hemihydrate, VETRANAL™, analytical standard	32118-10MG
Sulfamoxole, VETRANAL™, analytical standard	46866-250MG-R 46866-25MG-R
Sulfanilamide, VETRANAL™, analytical standard	46874-250MG
Sulfanilamide- ¹³ C ₆ , VETRANAL™, analytical standard	32516-10MG
Sulfantran, VETRANAL™, analytical standard	46882-250MG
Sulfantran-(sulfanilamide ring- ¹³ C ₆), VETRANAL™, analytical standard	35385-10MG
Sulfaphenazole-(sulfanilamide ring- ¹³ C ₆), VETRANAL™, analytical standard	32119-10MG
Sulfapyridine, ≥99.0%	S6252-25G S6252-100G
Sulfapyridine, VETRANAL™, analytical standard	31738-250MG
Sulfapyridine-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	32547-10MG
Sulfaquinoxaline-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	32546-10MG
Sulfasalazine, analytical standard, ≥98% (HPLC)	S0883-10G S0883-50G S0883-100G
Sulfathiazole, VETRANAL™, analytical standard	46902-250MG-R
Sulfathiazole, analytical standard, ≥98.0%	S9876-100G S9876-250G
Sulfathiazole-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	32515-10MG
(±)-Sulfinpyrazone, analytical standard	S9509-5G
Sulfisomidin, VETRANAL™, analytical standard	46908-250MG-R
Sulfisoxazole, VETRANAL™, analytical standard	31739-250MG
Sulfisoxazole-(phenyl- ¹³ C ₆), VETRANAL™, analytical standard	35386-10MG
Sulocidil, analytical standard, for drug analysis	S9384-5G
(S)-(-)-Sulpiride, VETRANAL™, analytical standard	34002-100MG-R
Tamoxifen, analytical standard	85256-50MG
Tamoxifen- ¹³ C ₂ , ¹⁵ N solution, 98 atom % ¹⁵ N, 99 atom % ¹³ C, 1 mg/mL in methanol, drug standard	603260-1ML
Tazobactam sodium salt, analytical standard	68300-10MG 68300-5MG
Tea extract from <i>Camellia sinensis</i> , analytical standard, ≥80% theaflavins (theaflavin and theaflavin gallates) basis	T5550-1MG T5550-10MG
Temazepam, analytical standard	T8275-100MG
Temozolomide, VETRANAL™, analytical standard	76899-10MG
Temozolomide, VETRANAL™, analytical standard	34219-25MG
Tenoxicam-(methyl-d ₃), VETRANAL™, analytical standard	32116-10MG
Terbutaline acetate salt hemihydrate, VETRANAL™, analytical standard	32241-10MG
Terbutaline-(tert-butyl-d ₉) acetate salt hemihydrate, VETRANAL™, analytical standard	32242-10MG
Terconazole, VETRANAL™, analytical standard	32355-100MG
Ternidazole hydrochloride, VETRANAL™, analytical standard	35387-10MG
Testosterone, VETRANAL™, analytical standard	46923-250MG-R

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Forensic & Veterinary Standards

* Name	Catalog Number
Testosterone solution, 1.0 mg/mL in 1,2-dimethoxyethane, drug standard	T5411-1ML
Testosterone-d ₃ , 98 atom % D, analytical standard, for drug analysis	T2655-10MG
Testosterone-d ₃ solution, 100 µg/mL in 1,2-dimethoxyethane, analytical standard, for drug analysis	T5536-1ML
Testosterone acetate solution, 100 µg/mL in acetonitrile, VETRANAL™, analytical standard	32676-2ML
Testosterone enanthate, analytical standard	T3006-1G
Testosterone 17-phenylpropionate, analytical standard	T9890-25MG
Tetracycline hydrochloride, VETRANAL™, analytical standard	31741-250MG
Δ ⁹ -Tetrahydrocannabinol solution, 1.0 mg/mL in methanol, analytical standard, for drug analysis	T4764-1ML
(-)-Δ ⁹ -Tetrahydrocannabinol solution, ~1 mg/mL in ethanol, analytical standard, for drug analysis	56296-1ML
Δ ⁹ -Tetrahydrocannabinolic acid A, analytical standard	39382-10MG
Tetramisole hydrochloride, VETRANAL™, analytical standard	31743-250MG
Tetramisole-d ₅ hydrochloride, VETRANAL™, analytical standard	32844-10MG
Tetrandrine, analytical standard, for drug analysis	T2695-1G
Theaflavin, analytical standard	55016-1MG
Theaflavin 3,3'-digallate, analytical standard	92223-1MG
Theaflavin monogallate, analytical standard	53963-1MG
Thiamphenicol, analytical standard	16715-100MG
Thiamylal, analytical standard	T9799-10G T9799-25G
Thiochrome, analytical standard	T7891-100MG
(±)Thiopental solution, 1.0 mg/mL in methanol, analytical standard, for drug analysis	T1022-1ML
Tiamulin, VETRANAL™, analytical standard	34044-100MG-R
Tiamulin fumarate, VETRANAL™, analytical standard	46959-1EA-R 46959-100MG-R
Ticlopidine hydrochloride, analytical standard, for drug analysis	T6654-1G T6654-5G T6654-25G
Tilmicosin, VETRANAL™, analytical standard	33864-100MG-R
Tinidazole, VETRANAL™, analytical standard	32553-10MG
Tiopronin, VETRANAL™, analytical standard	33986-100MG-R
Tolbutamide, analytical standard	T0891-25G T0891-100G T0891-500G
Tolbutamide, VETRANAL™, analytical standard	46968-250MG-R
Tolfenamic acid, VETRANAL™, analytical standard	34073-100MG
Tolfenamic acid-(benzoic ring- ¹³ C ₆), VETRANAL™, analytical standard	32145-10MG
Toltrazuril, VETRANAL™, analytical standard	34000-100MG-R
Toltrazuril-(N-methyl-d ₃), VETRANAL™, analytical standard	35388-10MG
Toltrazuril sulfon-(N-methyl-d ₃), VETRANAL™, analytical standard	32359-10MG
Toltrazuril sulfone, VETRANAL™, analytical standard	33816-10MG
Toltrazuril sulfoxide, VETRANAL™, analytical standard	33815-10MG
Tosufloxacin tosylate, VETRANAL™, analytical standard	32155-25MG
Trenbolone, analytical standard, for drug analysis	T3925-250MG T3925-1G
Triamcinolone acetonide, analytical standard	T6501-250MG T6501-1G T6501-5G
Tributyl phosphate, analytical standard	34108-2ML
Triclabendazole, VETRANAL™, analytical standard	32802-100MG
Triclabendazole-(methyl-d ₃), VETRANAL™, analytical standard	35393-10MG

* Name	Catalog Number
Triclabendazole sulfone, VETRANAL™, analytical standard	35389-10MG
Triclabendazole sulfoxide, VETRANAL™, analytical standard	35391-10MG
Triflupromazine hydrochloride, VETRANAL™, analytical standard	46976-250MG
Triflupromazine-(dimethyl-d ₆) hydrochloride, VETRANAL™, analytical standard	32110-10MG
Trigonelline hydrochloride, analytical standard	T5509-1G T5509-5G T5509-10G
Trimebutine, analytical standard	T6159-10G
Trimebutine maleate salt, analytical standard	T6284-5G
Trimethoprim, VETRANAL™, analytical standard	46984-250MG
Trimethoprim-d ₃ , VETRANAL™, analytical standard	32414-10MG
3,5,5-Trimethylloxazolidine-2,4-dione, analytical standard	T0781-1G
Tripelennamine hydrochloride, analytical standard	T7511-25G
Tulobuterol hydrochloride, VETRANAL™, analytical standard	53541-10MG
Tulobuterol-(tert-butyl-d ₃) hydrochloride, VETRANAL™, analytical standard	35345-10MG
Tylosin tartrate, VETRANAL™, analytical standard	33847-250MG
Tylosin phosphate, VETRANAL™, analytical standard	46981-100MG
Urea, analytical standard	56180-1G
Valdecocib, analytical reference material	44466-5MG
Valnemulin hydrochloride, VETRANAL™, analytical standard	32375-25MG
Vedaprofen, VETRANAL™, analytical standard	32533-10MG
Vedaprofen-d ₃ , VETRANAL™, analytical standard	32534-10MG
Veratrine hydrochloride, analytical standard, for drug analysis	V2379-25MG V2379-1G
Vitamin B _{12a} hydrochloride, analytical standard	H7126-100MG H7126-1G
Voriconazole, VETRANAL™, analytical standard	32483-25MG
Warfarin™, analytical standard	A2250-10G
WB-4101 hydrochloride, analytical standard	B018-100MG
XTT sodium salt, analytical standard, ≥90%	X4251-100MG X4251-500MG
Xylazine hydrochloride, VETRANAL™, analytical standard	46995-100MG
Xylazine-d ₆ , VETRANAL™, analytical standard	32555-10MG
YS-035 hydrochloride, analytical standard, for drug analysis	Y101-10MG
Zearalanone solution, 10 µg/mL in acetonitrile, analytical standard	32193-1.2ML

Gravimetry Standards

* Name	Catalog Number
Density Standard 1191 kg/m ³ , H&D Fitzgerald Ltd. Quality	89353-10ML
Density Standard 1251 kg/m ³ , H&D Fitzgerald Ltd. Quality	36232-10ML
Density Standard 1623 kg/m ³ , H&D Fitzgerald Ltd. Quality	15889-10ML-F
Density Standard 692 kg/m ³ , H&D Fitzgerald Ltd. Quality	44964-10ML-F
Density Standard 749 kg/m ³ , H&D Fitzgerald Ltd. Quality	76081-10ML
Density Standard 870 kg/m ³ , H&D Fitzgerald Ltd. Quality	76731-10ML
Density Standard 998 kg/m ³ , H&D Fitzgerald Ltd. Quality	12156-10ML-F
EWN solvent, for microscopy	46180-250ML-F 46180-1L-F

Ion Chromatography Standards

* Name	Catalog Number
Acetate Standard for IC, TraceCERT®, 1000 mg/L acetate in water	51791-100ML
Adipate Standard for IC, TraceCERT®, 1000 mg/L adipate in water	40968-100ML
Ammonium Nitrogen Standard for IC, 1000 mg/L N as NH ₄ ⁺ in water, TraceCERT®	89503-100ML
Ammonium Standard for IC, TraceCERT®, 1000 mg/L NH ₄ ⁺ in water	59755-100ML
Barium Standard for IC, TraceCERT®, 1000 mg/L Ba ²⁺ in nitric acid	87142-100ML
Benzoate Standard for IC, TraceCERT®, 1000 mg/L benzoate in water	40497-100ML
Bromate Standard for IC, TraceCERT®, 1000 mg/L bromate in water	78476-100ML
Bromide Standard for IC, TraceCERT®, 1000 mg/L bromide in water	43147-100ML
Cadmium Standard for IC, TraceCERT®, 1000 mg/L Cd ²⁺ in nitric acid	69679-100ML
Calcium Standard for IC, TraceCERT®, 1000 mg/L Ca ²⁺ in nitric acid	39865-100ML
Chlorate Standard for IC, TraceCERT®, 1000 mg/L chlorate in water	73166-100ML
Chloride Standard for IC, TraceCERT®, 1000 mg/L chloride in water	39883-100ML
Chromate Standard for IC, TraceCERT®, 1000 mg/L chromate in water	40121-100ML
Citrate Standard for IC, TraceCERT®, 1000 mg/L citrate in water	96068-100ML
Cobalt Standard for IC, TraceCERT®, 1000 mg/L Co ²⁺ in nitric acid	49594-100ML
Copper Standard for IC, TraceCERT®, 1000 mg/L Cu ²⁺ in nitric acid	40786-100ML
Cyanide Standard for IC, TraceCERT®, 1000 mg/L cyanide in water	90157-100ML
Fluoride Standard for IC, TraceCERT®, 1000 mg/L fluoride in water	77365-100ML
Formate Standard for IC, TraceCERT®, 1000 mg/L formate in water	44293-100ML
Fructose standard for IC, TraceCERT®, 1000 mg/L fructose in water	72669-50ML
Galactose standard for IC, TraceCERT®, 1000 mg/L in water	72637-50ML
Gluconate Standard for IC, TraceCERT®, 1000 mg/L gluconate in water	74549-100ML
Glucose standard for IC, TraceCERT®, 1000 mg/L in water	69222-50ML
Glycerol standard for IC, TraceCERT®, 1000 mg/L glycerol in water	72619-50ML
Iodide Standard for IC, TraceCERT®, 1000 mg/L iodide in water	41271-100ML
IQ/OQ/PQ Kit for Ion Chromatography, certified reference material	12674-1KT
Lactose standard for IC, TraceCERT®, 1000 mg/L in water	72622-50ML
Lead Standard for IC, TraceCERT®, 1000 mg/L Pb ²⁺ in nitric acid	51777-100ML
Lithium Standard for IC, TraceCERT®, 1000 mg/L Li ⁺ in nitric acid	59878-100ML
Magnesium Standard for IC, TraceCERT®, 1000 mg/L Mg ²⁺ in nitric acid	89441-100ML
Malonate Standard for IC, TraceCERT®, 1000 mg/L malonate in water	42412-100ML
Manganese Standard for IC, TraceCERT®, 1000 mg/L Mn ²⁺ in nitric acid	51439-100ML
Mannitol standard for IC, TraceCERT®, 1000 mg/L in water	69714-50ML
Multi Anion Standard 1 for IC, TraceCERT®, in water	69734-100ML
Multi Anion Standard 2 for IC, TraceCERT®, in water	53798-100ML

* Name	Catalog Number
Multi Cation Standard 1 for IC, TraceCERT®, in 0.1% nitric acid	91286-100ML
Multi Cation Standard 2 for IC, TraceCERT®, ≤0.1% in nitric acid	93159-100ML
Multielement Anion HPCE standard solution, analytical standard	29235-50ML
Multielement Ion Chromatography Anion Standard Solution, certified, for ion chromatography, certified reference material traceable to SI, 10.0 mg/kg ± 0.2% F ⁻ , Cl ⁻ , Br ⁻ , NO ₃ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ each anion	89886-50ML-F
Multielement Ion Chromatography Cation Standard Solution, certified, for ion chromatography, 10.0 mg/kg ± 0.2% Li ⁺ , Na ⁺ , K ⁺ , Mg ²⁺ , Ca ²⁺ each cation, certified reference material traceable to SI	89316-50ML-F
Nickel Standard for IC, TraceCERT®, 1000 mg/L Ni ²⁺ in nitric acid	42637-100ML
Nitrate Nitrogen Standard for IC, certified reference material, 1000 mg/L N as nitrate in water, TraceCERT®	53638-100ML
Nitrate Standard for IC, TraceCERT®, 1000 mg/L nitrate in water	74246-100ML
Nitrite Nitrogen Standard for IC, certified reference material, 1000 mg/L N as nitrite in water (pH ~11), TraceCERT®	36427-100ML
Nitrite Standard for IC, TraceCERT®, 1000 mg/L nitrite in water (pH ~11)	67276-100ML
Oxalate Standard for IC, TraceCERT®, 1000 mg/L oxalate in water	73139-100ML
Phosphate Standard for IC, TraceCERT®, 1000 mg/L phosphate in water	38364-100ML
Phthalate Standard for IC, TraceCERT®, 1000 mg/L phthalate in water	90677-100ML
Potassium Standard for IC, TraceCERT®, 1000 mg/L K ⁺ in water	53337-100ML
Propionate Standard for IC, TraceCERT®, 1000 mg/L propionate in water	51716-100ML
Silicate Standard for IC, TraceCERT®, 1000 mg/L silicate in water	18895-100ML
Sodium Standard for IC, TraceCERT®, 1000 mg/L Na ⁺ in water	43492-100ML
Sorbitol standard for IC, TraceCERT®, 1000 mg/L in water	69755-50ML
Strontium Standard for IC, TraceCERT®, 1000 mg/L Sr ²⁺ in nitric acid	42151-100ML
Succinate Standard for IC, TraceCERT®, 1000 mg/L succinate in water	43057-100ML
Sucrose standard for IC, TraceCERT®, 1000 mg/L Sucrose in water	69631-50ML
Sulfate Standard for IC, TraceCERT®, 1000 mg/L sulfate in water	90071-100ML
Tartrate Standard for IC, certified reference material, TraceCERT®	43484-100ML
Triethanolamine Standard for IC, TraceCERT®, 1000 mg/L in water	55382-100ML
Wine analysis: stock solution I, TraceCERT®, in water	75038-100ML
Xylitol standard for IC, TraceCERT®, 1000 mg/L in water	72561-50ML
Zinc Standard for IC, TraceCERT®, 1000 mg/L Zn ²⁺ in nitric acid	67902-100ML

Life Science/Food & Beverage

* Name	Catalog Number
Acacetin, analytical standard	49975-10MG
Acesulfame K, analytical standard	47134
Acetamide, analytical standard	89898-100MG
2-Acetonaphthone, analytical standard	18478-100MG
Acetovanillone, analytical standard	73536-100MG
Acetoxyvaleric acid, analytical standard	18543-10MG
3-O-Acetyl- α -boswellic acid, analytical standard	56208-5MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
3-O-Acetyl-β-boswellic acid, analytical standard	49873-5MG
3-O-Acetylboswellic acid, mixture of α and β, analytical standard	96729-5MG
3-Acetyldeoxynivalenol, reference material	32927-5MG
3-Acetyldeoxynivalenol solution, 100 µg/mL in acetonitrile, analytical standard	34132-2ML
3-Acetyl-d ₃ -deoxynivalenol solution, 100 µg/mL in acetonitrile, analytical standard	34129-2ML
15-Acetyldeoxynivalenol, reference material	32928-5MG
15-Acetyldeoxynivalenol solution, 100 µg/mL in acetonitrile, analytical standard	34133-2ML
6-Acetyl-1,1,2,4,4,7-hexamethyltetralin, analytical standard	54730-100MG
3-O-Acetyl-11-keto-β-boswellic acid, analytical standard	74607-5MG
2-Acetyl-5-methylfuran, analytical standard	74394-250MG
N-Acetylneuraminic acid, analytical standard	19023-10MG
2-Acetylpyrrole, analytical standard	30642-100MG
2-Acetylthiophene, analytical standard	73535-1ML
Acid Green 25, analytical standard	88996-100MG
Acid Green 16, ethyl form, analytical standard	18700-25MG
Acid Red 33, analytical standard	59573-25MG
Acid Red 73, analytical standard	49823-25MG
Acid Violet 49, analytical standard	41293-25MG
Aconitine, analytical standard	44787-10MG
Acrolein, analytical standard	89116-1ML
Advantame®, analytical standard	80054-100MG
Aflatoxin B ₁ solution, 2 µg/mL in acetonitrile, analytical standard	34029-2ML-R
Aflatoxin B ₁ solution, 3 µg/mL in benzene:acetonitrile (98:2), analytical standard	46323-U
Aflatoxin B ₁ - ¹³ C ₁₇ solution, 0.5 µg/mL in acetonitrile, analytical standard	32764-1ML
Aflatoxin B ₂ , reference material	32755-5MG
Aflatoxin B ₂ solution, 0.5 µg/mL in acetonitrile, analytical standard	34034-2ML-R
Aflatoxin B ₂ - ¹³ C ₁₇ solution, 0.5 µg/mL in acetonitrile, analytical standard	32771-1ML
Aflatoxin G ₁ , reference material	32756-5MG
Aflatoxin G ₁ solution, 2 µg/mL in acetonitrile, analytical standard	34032-2ML-R
Aflatoxin G ₁ - ¹³ C ₁₇ solution, 0.5 µg/mL in acetonitrile, analytical standard	32772-1ML
Aflatoxin G ₂ solution, 0.5 µg/mL in acetonitrile, analytical standard	34033-2ML-R
Aflatoxin G ₂ - ¹³ C ₁₇ solution, 0.5 µg/mL in acetonitrile, analytical standard	32777-1ML
Aflatoxin M ₁ solution, 0.5 µg/mL in acetonitrile, analytical standard	34031-2ML-R
Aflatoxin Mix 4 solution, analytical standard	34036-1ML-R 34036-2ML-R
Aflatoxin Mix 4 solution, analytical standard	33415-2ML
Agnuside, analytical standard	12274-10MG
L-Alanine hydrochloride solution, 100 mM amino acid in 0.1 M HCl, analytical standard	55329-5ML-F
β-Alanine, analytical standard	41144-100MG
Alkannin, analytical standard	51807-10MG
Allantoin, analytical standard	93791-50MG
(+)-L-Alliin, analytical standard	72805-10MG
Allura Red AC, analytical standard	38213-25MG
Allyl cyclohexanepropionate, analytical standard	18018-1ML 18018-5ML
Allyl hexanoate, analytical standard	41894-1ML 41894-5ML
Allyl isovalerate, analytical standard	55369-1ML
Allyl phenoxyacetate, analytical reference material	16760-1ML

* Name	Catalog Number
Allyl phenylacetate, analytical standard	55289-1ML
4-Allylpyrocatechol, analytical standard	18078-10MG
Allylpyrocatechol 3,4-diacetate, analytical standard	94413-10MG
Allyl sulfide, analytical standard	40647-1ML 40647-5ML
Aloe-emodin, analytical standard	93938-10MG
Aloenin A, analytical standard	41757-10MG
Aloin, analytical standard	50292-10MG
Alternariol, analytical standard	35758-0.1MG
Alternariol-9-methyl ether, analytical standard	35762-0.1MG
Amaranth, analytical standard	87612-25MG
Amarouciaxanthin A, analytical standard	54758-1MG
Amentoflavone, analytical standard	18571-10MG
L-Amino acids, analytical standard	LAA21-1KT
L-Amino acids, analytical standard	LAA10-1KT
Amino Acid Standard, analytical standard	AAS18-10X1ML AAS18-5ML AAS18-5X5ML AAS18-10ML
Amino acid standards for fluorescence detection, analytical standard	A2161-5ML A2161-10ML
Amino acid standards for protein hydrolysates, analytical standard	A9781-5ML
Amino acid standards for protein hydrolysates containing norleucine, analytical standard	A2908-1ML A2908-5ML A2908-10ML
Amino acid standards, physiological, analytical standard, acidics and neutrals	A6407-1ML A6407-5ML A6407-10ML
Amino acid standards, physiological, analytical standard, acidics, neutrals, and basics	A9906-1ML A9906-5ML A9906-10ML
Amino acid standards, physiological, analytical standard, basics	A6282-1ML A6282-5ML A6282-10ML
(±)-1-Amino-2-propanol, analytical standard	95343-500MG
Ammelide, analytical standard	49866-10MG
Amylamine, analytical standard	68518-1ML
Amyl butyrate, mixture of isomers, analytical standard	61982-1ML
α-Amylcinnamaldehyde, mixture of <i>cis</i> and <i>trans</i> , analytical standard	64397-100MG
α-Amylcinnamyl alcohol, analytical standard	87894-500MG
Amyl hexanoate, analytical standard	80067-1ML
Amyl salicylate, analytical standard	44041-250MG
α-Amyrin, analytical standard	53017-10MG-F
Andrograpanin, analytical standard	19443-5MG
Andrographolide, analytical standard	90281-5MG
<i>trans</i> -Anethole, analytical standard	10368-1ML 10368-5ML
Angelicin, analytical standard	18118-10MG
Anisatin, analytical standard	80478-10MG
<i>p</i> -Anisic acid, analytical standard	94666-100MG
Anthrone, analytical standard	52445-100MG
Antioxidant Kit 2, Phenolics, (individually packaged in quantities indicated), analytical standard	40048-U
AOCS Low Erucic Rapeseed Oil , analytical standard, ampule of 100 mg	O7756-1AMP
Aphidicolin, analytical standard	89458-5MG
Apigenin, analytical standard	42251-10MG
Apigenin 7-glucoside, analytical standard	44692-5MG-F 44692-25MG-F
Arachidic acid, analytical standard	39383-100MG
Arachidonic acid, analytical standard	23401-50MG
Arbutin, analytical standard	66468-50MG
Arjunetin, analytical standard	90331-5MG

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
<i>o</i> -Asarone, analytical standard	11107-1G
Asarylaldehyde, analytical standard	16219-50MG
L-Ascorbic acid, analytical standard	47863
Asiatic acid, analytical standard	89773-10MG
Asiaticoside, analytical standard	43191-1MG-F 43191-5MG-F
Aspartame, analytical standard	47135
[D-Asp ³ , E-Dhb ⁷]-Microcystin-RR solution, 10 µg/mL in methanol, analytical standard	32541-1ML
Aspidinol, analytical standard	55659-10MG
<i>all-trans</i> -Astaxanthin, analytical standard	41659-1MG 41659-5MG
9- <i>cis</i> -Astaxanthin, analytical standard	51881-1MG
13- <i>cis</i> -Astaxanthin, analytical standard	52991-1MG
Atranol, analytical reference material	77236-10MG
Atropine, analytical standard	37019-0.1MG
Aucubin, analytical standard	55561-5MG-F 55561-25MG-F
Auramine, analytical standard	51362-25MG
Avenanthramide A, analytical standard	30366-10MG
Avenanthramide B, analytical standard	93105-10MG
Avenanthramide C, analytical standard	36465-10MG
Avicularin, analytical standard	44006-5MG
Azelaic acid, analytical standard	95054-100MG
Bacopasaponin C, analytical standard	76092-5MG
Bacopaside I, analytical standard	56619-5MG
Bacopaside II, analytical standard	44698-5MG
Bacopaside X, analytical standard	42488-5MG
Bacoside A3, analytical standard	53889-5MG
Bacoside A, mixture of Bacoside A3, Bacopaside II, Bacopaside X and Bacopasaponin C, analytical standard	76091-5MG
Bacosine, analytical standard	69528-5MG
Bacterial Acid Methyl Ester (BAME) Mix, solution (10 mg/mL total concentration in methyl caproate), analytical standard	47080-U
Bakuchicin, analytical standard	75747-10MG
Bakuchiol, analytical standard	68612-10MG
Basic Red 9, analytical standard	55838-25MG
Behenamides, analytical standard	16879-100MG-F
Behenic acid, analytical standard	11909-100MG 11909-5G
Benzalacetone, analytical standard	68381-100MG
2,3-Benzofuran, analytical standard	43042-1ML
Benzoic acid, analytical standard	47849
Benzoin, analytical standard	80024-100MG
Benzothiazole, analytical standard	61427-100MG
Benzyl benzoate, analytical standard	68183-1ML
Benzyl cinnamate, analytical reference material	69139-100MG
Benzyl cyanide, analytical standard	12608-1ML
(2 <i>S</i> - <i>cis</i>)-(-)-5-Benzyl-3,6-dioxo-2-piperazineacetic acid, analytical standard	89274-50MG
Benzyl formate, analytical standard	92656-1ML
3-Benzylidenecamphor, analytical standard	91556-25MG
Benzylidene camphor sulfonic acid, analytical standard	97085-25MG
Benzyl isothiocyanate, analytical standard	89983-500MG
Benzyl phenylacetate, analytical standard	67586-1ML
Benzyl propionate, analytical standard	78466-1ML 78466-5ML
Benzyl salicylate, analytical standard	51031-1ML
Bergapten, analytical standard	69664-25MG
Bergaptol, analytical standard	62707-10MG
Bergenin, analytical standard	80479-10MG

* Name	Catalog Number
Betulin, analytical standard	92648-50MG
Betulin 3,28-diacetate, analytical reference material	59919-25MG
Betulonic acid, analytical standard	91466-10MG
Biacangelicin, analytical standard	77686-10MG
(-)-Bilobalide, analytical standard	79593-10MG
<i>o</i> -Biotin, analytical standard	47868
(-)- <i>o</i> -Bisabolol, analytical standard	95426-1ML
Bisdemethoxycurcumin, analytical standard	90594-10MG
Bis(2-ethylhexyl)phthalate-3,4,5,6- <i>da</i> , analytical standard	34164-25MG
Bis(8-methylnonyl) phthalate, analytical standard	42446-100MG
Bis(methylthio)methane, analytical standard	50375-100MG
Bisphenol C, analytical standard	68118-100MG
Bisphenol G, analytical standard	50953-100MG
Bisphenol A bis(3-chloro-2-hydroxypropyl) ether, analytical standard	15136-250MG
Bisphenol A bis(2,3-dihydroxypropyl) ether, analytical standard	15137-250MG
Bisphenol A (3-chloro-2-hydroxypropyl) (2,3-dihydroxypropyl) ether, analytical standard	92427-25MG 92427-100MG
Bisphenol A (3-chloro-2-hydroxypropyl) glycidyl ether, analytical standard	73124-25MG 73124-100MG
Bisphenol A diglycidyl ether, analytical standard	15138-500MG-F
Bisphenol A (2,3-dihydroxypropyl) glycidyl ether, analytical standard	73417-25MG 73417-100MG
Bisphenol AF, analytical standard	90477-100MG
Bisphenol AP, analytical standard	38753-100MG
Bisphenol F, analytical standard	51453-100MG
Bisphenol F bis(3-chloro-2-hydroxypropyl) ether, qualitative standard, mixture of 3 isomers ortho-ortho, ortho- <i>para</i> , <i>para-para</i>	15139-250MG
Bisphenol F bis(2,3-dihydroxypropyl) ether, <i>para-para</i> isomer, analytical standard	61711-100MG
Bisphenol F diglycidyl ether, mixture of diastereomers, analytical standard	18443-250MG
Bisphenol FL, analytical standard	97009-100MG
Bisphenol M, analytical standard	23454-100MG
Bisphenol P, analytical standard	94971-100MG
Bisphenol PH, analytical standard	56528-100MG
Bisphenol S, analytical standard	43034-100MG
Bisphenol TMC, analytical standard	61923-25MG
Bisphenol Z, analytical standard	77923-100MG
Boeravinone B, analytical standard	96844-10MG
Boldine, analytical reference material	67592-100MG
(-)-Borneol, analytical standard	15598-1G 15598-5G
(+)-Borneol, analytical standard	68878-10MG
(-)-Bornyl acetate, analytical standard	45855-1ML-F 45855-5ML-F
β -Boswellic acid, analytical standard	80342-5MG
Boswellic acid, mixture of α and β , analytical standard	63850-5MG
Bradykinin acetate salt, analytical standard	90834-10MG
Brilliant Black BN, analytical standard	11220-25MG
Brilliant Blue FCF, analytical standard	80717-100MG
Brilliant Green, analytical standard	78364-25MG
5-Bromo-5-nitro-1,3-dioxane, analytical standard	34391-1G
2,3-Butanediol, analytical standard, mixture of racemic and meso forms	42038-250MG
1-Butanethiol, analytical standard	41329-1ML
(\pm)-1,2,4-Butanetriol, analytical standard	43758-1ML
Butein, analytical standard	72795-10MG
3-Buten-2-ol, analytical standard	88497-1ML 88497-5ML
Butter Yellow, analytical standard	73225-25MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Butyl acetate, analytical standard	73285-1ML 73285-5ML
Butylamine, analytical reference material	90893-1ML 90893-5ML
sec-Butylamine, analytical standard	90965-1ML
Butyl anthranilate, analytical standard	75031-1ML
Butylated hydroxyanisole, analytical reference material	78943-500MG
2-(4- <i>tert</i> -Butylbenzyl)propionaldehyde, analytical standard	43884-10MG
Butyl butyrate, analytical standard	67367-1ML
Butyl 2-methylbutyrate, analytical standard	95118-1ML 95118-5ML
Butyl propionate, analytical standard	68119-1ML 68119-5ML
4-Butylresorcinol, analytical standard	49797-100MG
Butyl stearate, analytical standard	73002-1ML
Butyraldehyde, analytical standard, contains ~0.1% 2,6-di- <i>tert</i> -butyl-4-methylphenol and ~1% water as stabilizer	94194-1ML
Butyric acid, analytical standard	19215-5ML
β -Butyrolactone, analytical standard	92018-1ML 92018-5ML
γ -Butyrolactone, analytical standard	90970-1ML 90970-5ML
Butyrophenone, analytical standard	16704-1ML
Cadaverine, analytical standard	52063-1ML
Caffeic acid 1,1-dimethylallyl ester, analytical standard	40785-50MG
Caftaric acid, analytical standard	88656-10MG
(-)-Calcium hydroxycitrate tribasic, analytical standard	75450-10MG
(-)-Camphor, analytical standard	21293-1G
<i>o</i> -Camphor, analytical reference material	50843-100MG
Canola oil, analytical standard	46961
ϵ -Caprolactam, analytical standard	77403-100MG
3-Carene, analytical standard	94415-1ML 94415-5ML
(+)-3-Carene, analytical standard	21986-5ML 21986-25ML
Carminic acid, analytical standard	11298-25MG
Carmoisine, analytical standard	52245-25MG
Carnosic acid, analytical standard	91209-5MG
Carnosol, analytical standard	49702-10MG
α -Carotene, analytical standard	50887-1MG 50887-5MG
Carvacrol, analytical standard	42632-50MG
Carvacrol methyl ether, analytical standard	43778-50MG
(-)-Carveol, mixture of isomers, analytical standard	61370-50MG
(-)-Carvone, analytical standard	22060-1ML-F 22060-5ML-F
(+)-Carvone, analytical standard	22070-1ML 22070-25ML 22070-100ML
(-)- <i>trans</i> -Caryophyllene, analytical standard	75541-1ML
(-)-Caryophyllene oxide, analytical reference material	91034-100MG
Castalagin, analytical standard	61221-10MG
Casticin, analytical standard	16382-10MG
Catechin solution, certified reference material, 2000 μ g/mL in methanol, ampule of 0.5 mL	49040-U
(+)-Catechin, analytical standard	43412-10MG
Catechin 5- <i>O</i> -gallate, analytical standard	89106-10MG
Catechin gallate solution, analytical standard, 2000 μ g/mL in methanol, ampule of 0.5 mL	49061-U
CDP-glycerol sodium salt, \geq 95.0% (HPLC)	69412-10MG 69412-50MG
(+)-Cedrol, analytical standard	93483-100MG

* Name	Catalog Number
Cephalomannine, analytical standard	16364-10MG
Chamazulene, analytical standard	91595-20MG
Chebularic acid, analytical standard	69455-10MG
Chebulinic acid, analytical standard	40820-10MG
Chelidonic acid, analytical standard	49526-100MG
(\pm)-3-Chloro-1,2-propanediol, analytical standard	32406-100MG
(\pm)-3-Chloro-1,2-propane-1,1,2,3,3,3-d ₅ -diol, analytical standard	32401-25MG
Cholecalciferol (D3), analytical standard	47763
5- α -Cholestane, certified reference material, 10 mg/mL in chloroform	47124
Cholestanol solution, certified reference material, 10 mg/mL in chloroform	47129
Cholesterol solution, certified reference material, 10 mg/mL in chloroform	47127-U
Chrysin, analytical standard	95082-50MG
Chrysoidine G, analytical standard	80028-100MG
1,4-Cineole, analytical standard	27393-1ML-F 27393-5ML-F
<i>trans</i> -Cinnamic acid, analytical standard	97013-50MG
Cinnamyl acetate, analytical standard	42759-1ML
Cinnamyl alcohol, analytical standard	93066-50MG
<i>trans</i> -Cinnamyl butyrate, analytical standard	68546-1ML
Cirsilineol, analytical standard	67403-5MG
Citral, analytical standard	43318-1ML
Citral, analytical standard	15861-1ML
Citreoviridin A, analytical standard	35878-0.1MG
Citric acid, analytical standard	46933
Citrinin solution, 100 μ g/mL in acetonitrile, analytical standard	35410-1ML
(\pm)-Citronellal, analytical standard	72638-1ML
(+)- β -Citronellene, analytical standard	27475-1ML-F 27475-5ML-F
(-)- β -Citronellol, analytical standard	27483-1ML-F 27483-5ML-F
(\pm)- β -Citronellol, analytical standard	51381-1ML
Citronellyl acetate, analytical standard	43646-1ML
Citrus Red 2, analytical standard	89774-25MG
Coconut oil, analytical standard	46949
Congo Red, analytical standard	75768-25MG
Congo Red-(<i>biphenyl-d₆</i>), analytical standard	89573-25MG
Conjugated (9Z,11E)-Linoleic acid, analytical standard	16413-50MG
Conjugated (9E,11E)-Linoleic acid, analytical standard	90983-20MG
Coptisine chloride, analytical standard	39273-10MG
Corilagin, analytical standard	75251-10MG
Corn oil, analytical standard	47112-U
Corosolic acid, analytical standard	89067-10MG
(-)-Cotinine, analytical standard	74003-25MG
Cottonseed oil, analytical standard	47113
<i>m</i> -Coumaric acid, analytical standard	92649-10MG
<i>trans-p</i> -Coumaric acid, analytical standard	55823-50MG
Crocetin dialdehyde, analytical standard	18804-10MG
Cryptochlorogenic acid, analytical standard	90467-5MG
Cryptotanshinone, analytical standard	80709-10MG
Cuminaldehyde, analytical standard	16679-1ML
(-)-Curcumol, analytical standard	36236-10MG
Cyanidin chloride, analytical standard	94099-10MG
Cyanidin 3-sophoroside chloride, analytical standard	42739-5MG
Cyanocobalamin (B12), analytical standard	47869
Cyanuric acid, analytical standard	16614-250MG
β -Cyclocitral, analytical standard	16976-1ML

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Cyclohexanol, analytical standard	44113-1ML 44113-5ML
Cycloolivil, analytical standard	56523-10MG
Cynarin, analytical standard	91801-5MG
Cysteamine hydrochloride, analytical standard	49705-100MG
L-Cystine hydrochloride solution, 10 mM amino acid in 0.1 M HCl, analytical standard	57579-5ML-F
Daidzein, analytical standard	16587-10MG
Daidzin, analytical standard	42926-10MG
Damascenone, analytical standard	41163-250MG
α-Damascone, analytical standard	59574-1ML
(Z)-β-Damascone, analytical standard	12301-100MG
δ-Damascone, analytical standard	55137-1ML
Darutoside, analytical standard	40777-5MG
Deacylgymnemic acid, analytical standard	40501-5MG
trans,trans-2,4-Decadienal, analytical standard	90628-1ML
γ-Decalactone, analytical reference material	93738-1ML
Decanal, analytical standard	59581-1ML
Decanoic acid, analytical standard	21409-5G
Decarbamoylgonyauotoxin-2 and Decarbamoylgonyauotoxin-3 solution, dcGTx-2 116 μM and dcGTx-3 26.1 μM in filtered, aqueous 0.003 M hydrochloric acid/0.01 M acetic acid, certified reference material	NRCCRMDCGX23C
trans-2-Decenal, analytical standard	91309-1ML
1-Decen-3-ol, analytical standard	55524-1ML
Deepoxy-deoxynivalenol solution, 50 μg/mL in acetonitrile, analytical standard	34135-2ML
Degalactotigonin, analytical standard	92056-10MG
Dehydrocostus lactone, analytical standard	42575-10MG
2-Dehydropantoic acid lithium salt, ≥95.0% (HPLC)	69433-50MG 69433-10MG
2',3'-Dehydrosalannol, analytical standard	80098-10MG
Delphinidin chloride, analytical standard	14389-10MG
Delphinidin 3-O-β-D-glucoside chloride, analytical standard	73705-10MG
Demethoxycurcumin, analytical standard	90593-10MG
14-Deoxy-11,12-didehydroandrographolide, analytical standard	55549-5MG
Deoxynivalenol, reference material	32943-5MG
Deoxynivalenol solution, 100 μg/mL in acetonitrile, analytical standard	34124-2ML
Deoxynivalenol-d ₁ solution, 100 μg/mL in acetonitrile, analytical standard	34155-2ML
Deoxynivalenol- ¹³ C ₁₅ solution, 25 μg/mL in acetonitrile, analytical standard	34128-1ML
Deoxynivalenol 3-glucoside solution, 50 μg/mL in acetonitrile, analytical standard	32911-1ML
Deoxyribonucleic acid from bovine (<i>Bos taurus</i>), analytical standard	64967-10UG
Deoxyribonucleic acid from chicken (<i>Gallus gallus domesticus</i>), analytical standard	89119-10UG
Deoxyribonucleic acid from deer (<i>Cervus elaphus</i>), analytical standard	42633-10UG
Deoxyribonucleic acid from duck (<i>Anas platyrhynchos</i>), analytical standard	30365-10UG
Deoxyribonucleic acid from goat (<i>Capra hircus</i>), analytical standard	92363-10UG
Deoxyribonucleic acid from horse (<i>Equus caballus</i>), analytical standard	88814-10UG
Deoxyribonucleic acid from pork (<i>Sus scrofa</i>), analytical standard	55744-10UG
Deoxyribonucleic acid from sheep (<i>Ovis aries</i>), analytical standard	63838-10UG
Deoxyribonucleic acid from turkey (<i>Meleagris gallopavo</i>), analytical standard	43518-10UG
12-Deoxywithastramonolide, analytical standard	94187-10MG

* Name	Catalog Number
1-Deoxy-D-xylulose-5-phosphate sodium salt, analytical reference material	42713-5MG
Desmethoxyyangonin, analytical standard	51773-5MG
Dibenzyl disulfide, analytical standard	67373-100MG
Dibenzyl ether, analytical standard	49673-1ML 49673-5ML
Dibenzyl phthalate-3,4,5,6-d ₄ , analytical standard	34187-25MG
3,5-Di-tert-4-butylhydroxytoluene (BHT), analytical standard	47168
Dibutyl phthalate-3,4,5,6-d ₄ , analytical standard	34169-25MG
Dibutyl sebacate, analytical standard	80865-1ML
Dibutyl sulfide, analytical standard	74001-1ML
1,5-Dicaffeoylquinic acid, analytical standard	16917-5MG
S-(1,2-Dicarboxyethyl)glutathione, ≥95.0% (HPLC)	91938-250MG 91938-10MG 91938-50MG
1,9-Dideoxyforskolin, analytical standard	92589-10MG
Didymin, analytical standard	38964-10MG
Diethyl adipate, analytical standard	42697-1ML
Diethyl carbonate, analytical standard	91969-1ML 91969-5ML
2,3-Diethyl-5-methylpyrazine, analytical standard	94463-100MG
Diethyl phthalate-3,4,5,6-d ₄ , analytical standard	34185-25MG
2,3-Diethylpyrazine, analytical reference material	16877-1ML
Dihexyl phthalate-3,4,5,6-d ₄ , analytical standard	34167-25MG
Dihydrokaempferol, analytical standard	92204-5MG
(S)-(+)-7,8-Dihydrokavain, analytical standard	41866-5MG
(+)-Dihydromethysticin, analytical standard	52007-5MG
Dihydromyrcenol, analytical standard	55688-1ML
Dihydromyricetin, analytical standard	42866-10MG
(+)-Dihydroquinidine, analytical standard	55696-50MG
(-)-Dihydroquinine, analytical standard	11532-50MG
3,4-Dihydroxybenzaldehyde, analytical standard	92588-100MG
4,4'-Dihydroxybenzophenone, analytical standard	41213-100MG
3,5-Dihydroxyhydrocinnamic acid, analytical standard	56452-10MG
Diisobutyl phthalate-3,4,5,6-d ₄ , analytical standard	34204-25MG
2,6-Diisopropylphenol, analytical standard	56931-1ML
1,2-Dilinoleoyl-3-oleoyl-rac-glycerol, analytical standard	18226-10MG
3',4'-Dimethoxyacetophenone, analytical standard	68709-100MG
1,4-Dimethoxybenzene, analytical standard	54306-100MG
2,6-Dimethoxyphenol, analytical standard	53877-100MG
γ,γ-Dimethylallyl pyrophosphate ammonium salt, analytical reference material	38426-5MG
Dimethyl anthranilate, analytical standard	49919-1ML
Dimethyl disulfide, analytical standard	68986-1ML
3,3'-Di-O-methyl ellagic acid 4'-O-β-D-xylopyranoside, analytical standard	90905-10MG
4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, analytical standard	44527-100MG
Dimethyl isophthalate, analytical standard	44291-100MG
DL-3,3-Dimethylmalic acid, ≥97.0% (HPLC)	61932-50MG 61932-10MG
3,7-Dimethyl-3-octanol, analytical standard	52125-1ML
α,α-Dimethylphenethyl acetate, analytical standard	43341-1ML
Dimethyl phthalate-3,4,5,6-d ₄ , analytical standard	34189-25MG
Dimethyl-d ₆ phthalate, analytical standard	34201-25MG
2,6-Dimethylpyrazine, analytical standard	42793-100MG
Dimethyl succinate, analytical standard	73605-1ML
Dimethyl sulfide, analytical standard	76048-100MG
Dimethyl trisulfide, analytical standard	79592-10MG-F
1,3-Dinonadecanoin, analytical standard	68633-25MG
Diocetyl phthalate-3,4,5,6-d ₄ , analytical standard	34193-25MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Diosmetin, analytical standard	90985-10MG
Diosmin, analytical standard	61386-50MG
1,3-Dipalmitoyl-2-linoleoylglycerol, analytical standard	76473-10MG
1,3-Dipalmitoyl-2-oleoylglycerol, analytical standard	73146-10MG
Dipropyl phthalate-3,4,5,6-d ₄ , analytical standard	34197-25MG
Disaccharides Kit, (individually packaged in quantities indicated), analytical standard	47268-U
Disperse Orange 1, analytical standard	29173-25MG
Disperse Orange 3, analytical standard	53882-25MG
Disperse Orange 11, analytical standard	42994-25MG
Disperse Orange 37, analytical standard	50323-25MG
Disperse Red 1, analytical standard	11074-25MG
Disperse Red 1-d ₃ , analytical standard	32944-10MG
Disperse Red 17, analytical standard	79892-25MG
Disperse Yellow 3, analytical standard	11344-25MG
Disperse Yellow 3-d ₃ , analytical standard	32946-10MG
Disperse Yellow 9, analytical standard	38464-25MG
<i>cis</i> -4,7,10,13,16,19-Docosahexaenoic acid, analytical standard	53171-10MG
Docosanoic acid tryptamide, analytical standard	12094-100MG-F
all- <i>cis</i> -4,7,10,13,16-Docosapentaenoic acid, analytical standard	18566-10MG
Docosyl caffeate, analytical standard	40971-10MG
γ-Dodecalactone, analytical standard	77991-1ML
δ-Dodecalactone, analytical standard	92255-100MG
Dodecanenitrile, analytical standard	38688-1ML 38688-5ML
Dodecanoic acid, analytical standard	61609-5G
1-Dodecanol, analytical standard	75544-1ML 75544-5ML
2-Dodecylcyclobutanone, analytical standard	44197-5MG
Dulcoside A, analytical standard	90378-10MG
Eclalbasaponin I, analytical standard	79736-10MG
Eclalbasaponin II, analytical standard	77084-10MG
Eicosanyl caffeate, analytical standard	93169-10MG
<i>cis</i> -5,8,11,14,17-Eicosapentaenoic acid, analytical standard	44864-100MG 44864-500MG
<i>cis</i> -8,11,14-Eicosatrienoic acid, analytical standard	69154-50MG
<i>cis</i> -11-Eicosenoic acid, analytical standard	44878-100MG
<i>trans</i> -11-Eicosenoic acid, analytical standard	10823-50MG
5-Eicosylresorcinol, analytical standard	53503-10MG
Elaidic acid, analytical standard	45089-1G 45089-5G
(-)-β-Elementene, analytical standard	63965-25MG
Elemolic acid, mixture of α and β, analytical standard	73527-5MG
Eleutheroside B, analytical standard	90974-10MG
Ellagic acid, analytical standard	14668-50MG
Emodin, analytical standard	30269-10MG
(±)-Enterolactone, analytical standard	42363-10MG
Eosin Y disodium salt, analytical standard	53019-100MG
(-)-Epicatechin, analytical standard	68097-10MG
Epicatechin solution, certified reference material, 2000 µg/mL in methanol, ampule of 0.5 mL	49045-U
Epicatechin gallate solution, certified reference material, 2000 µg/mL in methanol, ampule of 0.5 mL	49060-U
Epigallocatechin solution, certified reference material, 2000 µg/mL in methanol, ampule of 0.5 mL	49037-U
(-)-Epigallocatechin gallate, ≥97.0% (HPLC)	50299-1MG-F
(-)-Epigallocatechin gallate, analytical standard	93894-10MG
Epigallocatechin gallate solution, certified reference material, 2000 µg/mL in methanol	49044-U

* Name	Catalog Number
Epoxidized soya bean oil, analytical standard	43956-500MG-F 43956-2.5G-F
6',7'-Epoxybergamottin, analytical standard	69779-10MG
Ergocalciferol (D2), analytical standard	47768
Ergosterol, 10 mg/mL in chloroform, analytical standard	47130-U
Eriocitrin, analytical standard	94113-5MG
Eriodictyol, analytical standard	89061-10MG
Erucic acid, analytical standard	45629-1G-F 45629-5G-F
<i>meso</i> -Erythritol, analytical standard	73132-100MG
Erythrosin B, analytical standard	87613-25MG
Estragole, analytical standard	34098-1ML
1,2-Ethanedithiol, analytical standard	90968-1ML
Ethanethiol, analytical standard	80534-1ML
2-Ethoxynaphthalene, analytical standard	55752-100MG
Ethyl acetate, analytical standard	58958-5ML
Ethyl acetoacetate, analytical standard	63954-1ML
Ethyl acrylate, analytical standard	76130-5ML-F
Ethyl benzoate, analytical standard	72505-1ML 72505-5ML
Ethyl butyrate, analytical standard	75563-1ML 75563-5ML
Ethyl cinnamate, analytical standard	66761-100MG
2-Ethyl-3,5(6)-dimethylpyrazine, mixture of isomers, analytical reference material	43236-100MG
Ethylene brassylate, analytical standard	96374-1ML
Ethyl formate, analytical standard	88554-1ML-F 88554-5ML-F
2-Ethylfuran, analytical standard	69530-1ML 69530-5ML
4-Ethylguaiaicol, analytical standard	39774-1ML 39774-5ML
Ethyl heptanoate, analytical standard	97587-1ML 97587-5ML
Ethyl 3-hydroxybutyrate, analytical standard	55821-100MG
Ethyl isobutyrate, analytical standard	19536-1ML 19536-5ML
Ethyl isovalerate, analytical standard	71607-1ML
Ethyl linoleate, analytical standard	73539-1ML
3-Ethylmalic acid, ≥95.0% (HPLC)	69474-50MG 69474-10MG
Ethyl maltol, analytical standard	94185-100MG
Ethyl trans-4-methoxycinnamate, analytical standard	42479-10MG
Ethyl 2-methylpentanoate, analytical reference material	68104-1ML
2-Ethyl-3-methylpyrazine, analytical reference material	16315-1ML
Ethyl nicotinate, analytical standard	68203-1ML
Ethyl nonanoate, analytical standard	57698-1ML 57698-5ML
Ethyl octanoate, analytical reference material	44879-1ML 44879-5ML
Ethyl oleate, analytical standard	55441-250MG
Ethyl palmitate, analytical standard	67107-250MG
Ethyl phenylacetate, analytical standard	91224-1ML 91224-5ML
Ethyl propionate, analytical standard	96727-1ML
Ethylpyrazine, analytical standard	90728-100MG
2-Ethylpyrrole, analytical standard	89085-250MG
Ethyl salicylate, analytical standard	68291-1ML
Ethyl stearate, analytical standard	18377-100MG
2-Ethylthiophene, analytical standard	74139-250MG
Ethyl valerate, analytical standard	30784-1ML
Ethyl vanillate, analytical reference material	77522-25MG

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Ethyl vanillin, analytical standard	75042-100MG
Eucalyptol, analytical standard	29210-1ML
Eupalitin, analytical standard	66324-10MG
Eupalitin 3-O-β-D-galactopyranoside, analytical standard	89165-10MG
Eupatorin, analytical standard	52559-10MG
F.A.M.E. Mix, C18:0 - C20:0, certified reference material, pkg of 100 mg (Neat)	18916-1AMP
F.A.M.E. Mix, C20:1-C20:5 Unsaturates, certified reference material, (approx 25% (by weight) each component), ampule of 40 mg (Neat)	18912-1AMP
F.A.M.E. Mix, C20:1-C20:5 Unsaturates, certified reference material, ampule of 50 mg (Neat)	18913-1AMP
F.A.M.E. Mix, C4-C24, analytical standard, wt. % (varied)	18919-1AMP
F.A.M.E. Mix GLC-20, certified reference material, ampule of 100 mg (Neat)	1892-1AMP
F.A.M.E. Mix GLC-30, certified reference material, ampule of 100 mg (Neat)	1893-1AMP
F.A.M.E. Mix GLC-40, certified reference material, ampule of 100 mg (Neat)	1895-1AMP
F.A.M.E. Mix GLC-50, certified reference material, ampule of 100 mg (Neat)	1894-1AMP
F.A.M.E. Mix GLC-70, certified reference material, ampule of 100 mg (Neat)	1897-1AMP
F.A.M.E. Mix GLC-80, certified reference material, ampule of 100 mg (Neat)	1898-1AMP
F.A.M.E. Mix GLC-90, certified reference material, pkg of 100 mg (Neat)	1896-1AMP
F.A.M.E. Mix GLC-100, certified reference material, ampule of 100 mg (Neat)	1899-1AMP
F.A.M.E. Mix NHI-C, certified reference material, ampule of 100 mg (total weight)	08256-1AMP
F.A.M.E. Mix RM-1, certified reference material, ampule of 100 mg (Neat)	07006-1AMP
F.A.M.E. Mix RM-2, certified reference material, ampule of 100 mg (Neat)	07131-1AMP
F.A.M.E. Mix RM-3, certified reference material, ampule of 100 mg (Neat)	07256-1AMP
F.A.M.E. Mix RM-4, certified reference material, ampule of 100 mg (Neat)	07381-1AMP
F.A.M.E. Mix RM-6, certified reference material	07631-1AMP
<i>trans</i> -β-Farnesene, analytical standard	73492-1ML-F
Farnesol, analytical standard	43348-1ML
<i>trans,trans</i> -Farnesol, analytical standard	92386-100MG
<i>trans,trans</i> -Farnesyl pyrophosphate ammonium salt, analytical reference material	44722-5MG
Fast Green FCF, analytical standard	68724-25MG
Fast Yellow AB, analytical standard	93883-25MG
Fatty Acid Kit, (individually packaged, quantities indicated), analytical standard	EC10A-1KT
Fatty Acid Methyl Esters, Saturated Straight Chains, (individually packaged in quantities indicated), analytical standard	ME10-1KT
Fatty Acid Methyl Esters, Unsaturated Kit, (individually packaged in quantities indicated), analytical standard	ME14-1KT
Fatty Acids, Odd Carbon Straight Chains Kit, (individually packaged in quantities indicated), analytical standard	OC9-1KT
Fatty Acids Unsaturated Kit, (individually packaged in quantities indicated), analytical standard	UN10-1KT
(+)-Fenchol, analytical standard	46198-1G-F
(+)-Fenchone, analytical standard	46208-1ML-F 46208-5ML-F 46208-25ML-F
Fenchyl alcohol, analytical standard	43226-100MG
Fisetinidin chloride, analytical standard	42724-1MG-F 42724-5MG-F
Fluorescein sodium salt, analytical reference material	30181-100MG

* Name	Catalog Number
Folic acid, analytical standard	47866
Formononetin, analytical standard	94334-50MG
Forskolin, analytical standard	93049-10MG
Frangulin A, analytical standard	61237-10MG
Frangulin B, analytical standard	68912-10MG
Fraxetin, analytical standard	18224-100MG 18224-50MG
Fraxin, analytical standard	80533-10MG
Friedelin, analytical standard	92187-10MG
Fructose, analytical standard	77416-1ML
D-(-)-Fructose, analytical standard, analytical standard for fructose assay kit, for use with enzymatic assay kit FA20	F2793-500MG
Fucoanthin, analytical standard	16337-1MG 16337-5MG
Fucoanthin solution, 1 mg/L in ethanol, analytical standard	19335-2.5ML
Fucoanthinol, analytical standard	72723-1MG
Fumagillin solution, 100 µg/mL in acetonitrile, analytical standard	37017-1ML
Fumonisin B ₁ , reference material	32936-5MG
Fumonisin B ₁ solution, 50 µg/mL in acetonitrile: water, analytical standard	34139-2ML
Fumonisin B ₁ - ¹³ C ₃₄ solution, 25 µg/mL in acetonitrile: water, analytical standard	33621-1ML
Fumonisin B ₂ solution, 50 µg/mL in acetonitrile: water (50:50), analytical standard	34142-2ML
Fumonisin B ₂ - ¹³ C ₃₄ solution, 10 µg/mL in acetonitrile: water, analytical standard	32915-1ML
Fumonisin B ₃ solution, 50 µg/mL in acetonitrile: water, analytical standard	32606-1ML
Fumonisin B ₃ - ¹³ C ₃₄ solution, 10 µg/mL in acetonitrile: water, analytical standard	32916-1ML
Fumonisin Mixture, 50 µg/mL in acetonitrile: water (each of FB1 and FB2), analytical standard	34143-2ML
Furan, analytical standard	43861-1ML
2-Furanmethanethiol, analytical standard	67319-100MG
Furfuryl alcohol, analytical standard	30965-1ML 30965-5ML
Furfuryl propionate, analytical standard	19932-5ML
1-Furfurylpyrrole, analytical standard	53666-1ML
Furfuryl sulfide, analytical standard	53700-100MG
2-Furoic acid, analytical standard	57552-100MG
Galactinol dihydrate, analytical standard	79544-10MG 79544-50MG
(-)-Galocatechin gallate, analytical standard	80352-10MG
Galocatechin gallate solution, analytical standard, 2000 µg/mL in methanol, ampule of 0.5 mL	49047-U
Galocatechin solution, analytical standard, 2000 µg/mL in methanol, ampule of 0.5 mL	49069-U
1-O-Galloyl-β-D-glucose, analytical standard	69288-10MG
(+)-Garcinia acid, analytical standard	44292-10MG
Genistein, analytical standard	92136-10MG
Genistin, analytical standard	73822-10MG
Genkwanin, analytical standard	42734-10MG
Geraniol, analytical standard	48798-1ML 48798-5ML
Geranyl acetate, analytical standard	45896-1ML-F
8-Geranyloxy-psoralen, analytical standard	40594-10MG
Geranyl pyrophosphate lithium salt, analytical reference material	19533-5MG
Germacrone, analytical standard	42924-10MG
[6]-Gingerol, analytical standard	50866-10MG
[10]-Gingerol, analytical standard	42630-10MG
Ginkgolic acid C13:0, analytical standard	49962-10MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Ginkgolic acid C15:1, analytical standard	75741-5MG
Ginkgolic acid C17:1, analytical standard	55822-5MG
Ginkgolide A, analytical standard	51863-10MG-F
Ginkgolide B, analytical standard	94970-10MG
Ginkgolide B from <i>Ginkgo biloba</i> leaves, ≥90% (HPLC)	G6910-10MG G6910-50MG
Ginkgolide C, analytical standard	18309-10MG-F
Ginkgolide J, analytical standard	89556-5MG
Ginkgotoxin, analytical standard	89960-10MG
Ginsenoside Rb2, analytical standard	41868-10MG
Ginsenoside Rb3, analytical standard	42635-10MG
Ginsenoside Rc, analytical standard	44987-5MG
Ginsenoside Re, analytical standard	77960-10MG
Ginsenoside Rf, analytical standard	65839-5MG
Ginsenoside Rg1, analytical standard	68317-5MG
Ginsenoside Rg3, analytical standard	64139-10MG
Ginsenoside Rg5, analytical standard	43016-5MG
Ginsenoside Rg6, analytical standard	43019-5MG
Ginsenoside Rh1, analytical standard	56805-10MG
Ginsenoside Rh2, analytical standard	73658-10MG
Ginsenoside Rh3, analytical standard	43084-5MG
Ginsenoside Rh4, analytical standard	42776-5MG
Ginsenoside Rk1, analytical standard	42754-5MG
Glabridin, analytical standard	53633-10MG
Glutathione solution, 100 µg/mL in acetonitrile, analytical standard	35598-1ML
(-)-Globulol, analytical standard	54328-10MG
D-(+)-Glucose, analytical standard	47249
D-(+) Glucose, analytical standard	47829
Glycerol, analytical standard	77067-1ML 77067-5ML
Glycerol tributyrate, analytical standard	73105-1ML
Glycerol trilinoleate, analytical standard	96373-100MG
Glycerol trionadecanoate, analytical standard	52909-25MG
Glycerol trioleate, analytical reference material	41679-100MG
Glycidamide- ¹³ C ₃ , analytical standard	69332-2.5MG
(R)-(+)-Glycidol, analytical standard	74594-100MG
(±)-Glycidol, analytical standard	74595-100MG
Glycine hydrochloride solution, 100 mM amino acid in 0.1 M HCl, analytical standard	55097-5ML-F
Glycitein, analytical standard	43534-10MG
Glycyrrhizic acid ammonium salt, analytical standard, for HPLC	91443-10MG
Guaiaverin, analytical standard	94821-5MG
(-)-Guaiol, analytical standard	29242-250MG
(E)-Guggulsterone, analytical standard	68797-10MG
(Z)-Guggulsterone, analytical standard	78251-10MG
Gymnemenin, analytical standard	52181-5MG
Harpagoside, analytical standard	68527-10MG
Hederacoside C, analytical standard	97151-50MG-F
Hederacoside C, analytical standard	79737-10MG
5-Heneicosylresorcinol, analytical standard	50851-10MG
Heptadecafluorooctanesulfonic acid solution, 100 µg/mL in methanol, analytical standard	33607-1ML
Heptadecafluorooctanesulfonic acid potassium salt, analytical standard	33829-100MG
5-Heptadecylresorcinol, analytical standard	97001-10MG
Heptaldehyde, analytical standard	61696-1ML
Heptanoic acid, analytical standard	43858-1ML 43858-5ML
3-Heptanol, analytical standard	43212-1ML

* Name	Catalog Number
3-Heptanone, analytical standard	90046-1ML 90046-5ML
<i>trans</i> -2-Heptenal, analytical standard	90244-100MG
1-Hepten-3-ol, analytical standard	55392-1ML
(±)-Hesperetin, analytical standard	51864-50MG
Hesperidin, analytical standard	50162-10MG
1,7-Hexadecadiene, analytical standard	52206-25MG
16-Hexadecanolide, analytical standard	14643-100MG
<i>cis</i> -11-Hexadecenal, analytical standard	95135-1ML
<i>trans,trans</i> -2,4-Hexadienal, analytical standard	74198-1ML
Hexahydrocurcumin, analytical standard	69727-10MG
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[<i>g</i>]-2-benzopyran, analytical standard	57524-10MG
γ-Hexalactone, analytical standard	68554-1ML
Hexamethylenetetramine, analytical reference material	55321-1G
Hexanal, analytical standard	18109-1ML
2,3-Hexanedione, analytical standard	75034-100MG
1-Hexanethiol, analytical standard	75018-1ML
Hexanoic acid, analytical standard	21529-5ML
2-Hexanol, analytical standard	41513-1ML
<i>trans</i> -2-Hexen-1-ol, analytical standard	76717-500MG
<i>cis</i> -3-Hexen-1-ol, analytical standard	91316-100MG
<i>cis</i> -3-Hexenyl acetate, analytical standard	74597-1ML
Hexyl acetate, analytical standard	25539-1ML 25539-5ML
Hexylamine, analytical standard	50803-1ML
Hexyl butyrate, analytical standard	77535-1ML
Hexylene glycol, analytical standard	50797-1ML
Hexyl hexanoate, analytical standard	18282-1ML
Hexyl 2-methylbutanoate, analytical reference material	53184-1ML
Hexyl salicylate, analytical reference material	61690-5ML
Histamine, analytical standard	59964-100MG
L-Histidine hydrochloride solution, 100 mM amino acid in 0.1 M HCl, analytical standard	43011-5ML-F
DL-Homocysteine, analytical standard	44925-25MG
Honokiol, analytical standard	42612-25MG
17α(H),21β(H)-Hopane solution, 0.1 mg/mL in iso-octane, analytical standard	90656-1ML
Hordenine, analytical standard	61207-50MG
HPLC peptide standard mixture, analytical standard	H2016-1VL
HPLC protein standard mixture, analytical standard	H2899-1VL
α-Humulene, analytical standard	12448-250MG
(-)-Huperzine A, analytical standard	42643-25MG
Hydrocinnamaldehyde, analytical reference material	93762-1ML
Hydrocinnamic acid, analytical standard	80725-100MG
2'-Hydroxyacetophenone, analytical standard	18245-1ML
4'-Hydroxyacetophenone, analytical standard	98837-100MG
4-Hydroxybenzaldehyde, analytical standard	91554-250MG
3-Hydroxybenzoic acid, analytical standard	36333-100MG
7α-Hydroxy-4-cholesten-3-one, ≥95.0% (HPLC)	52853-5MG 52853-1MG
7α-Hydroxy-4-cholesten-3-one-25,26,26,26,27,27-d ₇ , ≥95.0% (HPLC)	94145-1MG
Hydroxycitronellal, analytical standard	66010-1ML
4-Hydroxy-2,5-dimethyl-3(2 <i>H</i>)-furanone, analytical standard	44869-100MG
4-Hydroxy-3-methoxycinnamic acid, mixture of isomers, analytical reference material	90034-100MG
5-(Hydroxymethyl)furfural, analytical standard	53407-100MG
4-Hydroxy-4-methyl-2-pentanone, analytical standard	78891-1ML 78891-5ML

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde, mixture of isomers, analytical standard	55862-10MG
4-(4-Hydroxyphenyl)-2-butanone, analytical standard	68524-100MG
trans-4-Hydroxy-L-proline, analytical standard	41875-100MG
2-Hydroxypyridine, analytical standard	41152-100MG
2-Hydroxy-3,5,5-trimethyl-2-cyclohexen-1-one, analytical reference material	89396-100MG
3-Hydroxytyrosol, analytical standard	91404-5MG
Hydroxyvaleric acid, analytical standard	55507-5MG
Hyperforin (dicyclohexylammonium) salt, analytical standard	42891-5MG
I3,I8-Biapigenin, analytical standard	73962-10MG
Icariin, analytical standard	56601-25MG
Idaein chloride, analytical standard	91635-10MG
Indigo carmine, analytical standard	73436-25MG
3-Iodo-2-propynyl <i>N</i> -butylcarbamate, analytical standard	90865-100MG
β-Ionol, analytical standard	90966-1ML
Ipriflavone, analytical standard	16499-100MG
Iriflophenone 3-C-β-D-glucopyranoside, analytical standard	91627-10MG
Isoamyl butyrate, analytical standard	69529-1ML 69529-5ML
Isoamyl octanoate, analytical standard	95668-1ML 95668-5ML
Isoborneol, analytical standard	79856-100MG
Isobutyl acetate, analytical standard	94823-1ML-F 94823-5ML-F
Isobutyl butyrate, analytical standard	94888-1ML 94888-5ML
Isobutyraldehyde, analytical standard	68529-1ML 68529-5ML
Isobutyraldehyde diethyl acetal, analytical standard	68812-1ML
Isobutyric acid, analytical standard	46935-U
(+)-Isocorydine hydrochloride, analytical standard	42899-10MG
Isoeugenol, analytical standard	34038-5ML-R
Isoeugenol, predominantly trans, analytical standard	57522-1ML
Isoforskolin, analytical standard	94597-10MG
Isofraxidin, analytical standard	91214-5MG
Isofucoxanthinol, analytical standard	74132-1MG
Isoperatorin, analytical standard	68771-10MG
(-)-Isoledene, analytical standard	43201-100MG
L-Isoleucine hydrochloride solution, 100 mM amino acid in 0.1 M HCl, analytical standard	50271-5ML-F
Isoliquiritigenin, analytical standard	38986-50MG
Isomaltotriose, DP3, analytical standard	47884
(1S,2R,5R)-(+)-Isomenthol, analytical standard	59802-25MG
Isorientin, analytical standard	78109-5MG
Isopentenyl pyrophosphate trilithium salt, analytical reference material	39784-5MG
Isopentyl acetate, analytical standard	79857-1ML 79857-5ML
Isopentylamine, analytical standard	14132-1ML
Isophthalic acid, analytical standard	42304-50MG
Isopimpinellin, analytical standard	61419-10MG
Isopropenyl acetate, analytical standard	74598-1ML
Isopropyl acetate, analytical standard	90871-1ML-F 90871-5ML-F 90871-10ML-F
2-Isopropyl-d ₇ -thioxanthene-9-one, analytical standard	33652-10MG
(-)-Isopulegol, analytical standard	59770-5ML
(+)-Isopulegol, analytical standard	59765-1ML
Isoquinoline, analytical standard	68853-1ML

* Name	Catalog Number
Isorhamnetin, analytical standard	38907-10MG
Isosilybin A, analytical standard	97326-5MG
Isosilybin B, analytical standard	95684-5MG
Isosteviol, analytical standard	92273-10MG
Isovaleraldehyde, analytical standard	61848-100MG
Isovaleric acid, analytical standard	78651-1ML 78651-5ML
Isovitexin, analytical standard	67135-5MG
Isoxanthohumol, analytical standard	55423-5MG
Itaconic acid, analytical standard	93598-100MG
Jasmone, analytical standard	59975-1ML
(±)-Jasmonic acid, analytical standard	14631-10MG
Kaempferide, analytical standard	69545-10MG
Kaempferol, analytical standard	96353-10MG
Kaempferol 3-glucoside, analytical standard	68437-5MG
DL-Kavain, analytical standard	59780-500MG-F 59780-5G-F
Keracyanin chloride, analytical standard	36428-1MG-F 36428-5MG-F
1-Kestose, analytical standard	72555-25MG 72555-100MG
11-Keto-β-boswellic acid, analytical standard	78535-5MG
Koenigicine, analytical standard	94500-10MG
Koenimbine, analytical standard	41096-10MG
Kojic acid, analytical standard	95197-100MG
Kuromanin chloride, analytical standard	44689-5MG
L-(+)-Lactic acid, analytical standard	46937
α-Lactose, analytical standard	47287-U
Lard oil, analytical standard	47115-U
Lauric aldehyde, analytical standard	55977-1ML 55977-5ML
2-Lauroylglycerol, analytical standard	41555-25MG
Lauryl gallate, analytical reference material	53024-500MG
Lavandulol, analytical standard	42583-50MG
L-Leucine hydrochloride solution, 100 mM amino acid in 0.1 M HCl, analytical standard	80687-5ML-F
Leucomalachite Green, analytical standard	69669-25MG
Leucomalachite Green-d ₈ , analytical standard	34182-10MG
Leucomalachite Green-d ₆ , analytical standard	33944-10MG
Levulinic acid, analytical standard	41474-100MG
Light Green SF Yellowish, analytical standard	67402-25MG
(R)-(+)-Limonene, analytical standard	62118-1ML 62118-5ML 62118-25ML
(S)-(-)-Limonene, analytical standard	62128-1ML 62128-5ML
Limonin, analytical standard	64081-10MG
Linalool, analytical standard	51782-1ML
(-)-Linalool, analytical standard	74856-1ML-F 74856-5ML-F
Linalyl acetate, analytical standard	49599-100MG
Linoleic acid, analytical standard	62230-5ML-F 62230-25ML-F
Linolenic acid, analytical standard	62160-1ML 62160-5ML
γ-Linolenic acid, analytical standard	62174-100MG-F 62174-500MG-F
2-Linoleoylglycerol solution, ~0.1 M in acetonitrile, analytical standard	67106-200UL
Linseed (flaxseed) oil, analytical standard	47559-U
Lipid Standard, Mono-, Di-, & Triglyceride Mix, certified reference material, pkg of 40 mg (Neat)	1787-1AMP
Lipid standards: triglyceride mixtures, certified reference material	17811-1AMP

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Lithol Rubine BK, analytical standard	90689-25MG
Loganin, analytical standard	36483-10MG-F
Lupeol, analytical standard	18692-10MG
Lutein solution, 1 mg/L in ethanol, analytical standard	79766-2.5ML
Luteolin, analytical standard	72511-10MG
Luteolin 7-glucoside, analytical standard	49968-10MG
2,4-Lutidine, analytical standard	68223-1ML
3,4-Lutidine, analytical standard	19432-1ML
3,5-Lutidine, analytical standard	68658-1ML
Lycopene, analytical standard	75051-10MG
L-Lysine, analytical standard	23128-100MG
L-Lysine hydrochloride solution, 100 mM amino acid in 0.1 M HCl, analytical standard	44208-5ML-F
Mahanimbine, analytical standard	77875-10MG
Malachite Green chloride, analytical standard	38800-25MG
Malachite Green-d ₅ picrate, VETRANAL™, analytical standard	33945-10MG
D-Malic acid, analytical standard	46940-U
L-Malic acid, analytical standard	94916-100MG
Malondialdehyde tetrabutylammonium salt, analytical standard	36357-100MG
Malonic acid, analytical standard	46938-U
N-Malonyl-DL-tryptophan, analytical standard	77556-10MG
Maltol, analytical standard	18299-100MG
D-(+)-Maltose monohydrate, analytical standard	47288
Maltol isobutyrate, analytical standard	12386-1ML 12386-5ML
Malvidin chloride, analytical standard	92607-10MG
D-Mandelic acid, analytical reference material	41605-100MG
D-Mannoheptulose, analytical standard	73518-10MG
Marmelosin, analytical standard	55193-10MG
Maslinic acid, analytical standard	68594-5MG
Matricin, analytical standard	77347-5MG
Melamine, analytical standard	52549-250MG
Melamine- ¹³ C ₃ , VETRANAL™, analytical standard	32666-10MG
Meleagrins, analytical standard	35970-0.1MG
Menadione (K3), analytical standard	47775
Menaquinone (K2), analytical standard	47774
Menhaden fish oil, analytical standard	47116
Menthallactone, analytical standard	68561-5ML
trans-p-Menthane-8-ol, analytical standard	63662-1G
(+)-Menthofuran, analytical standard	63661-1ML-F 63661-5ML-F
(-)-Menthol, analytical standard	63660-1G 63660-100G 63660-500G
Menthone, analytical standard	95401-1ML 95401-5ML
(-)-Menthone, analytical standard	63677-5ML 63677-25ML
(+)-Menthone, analytical standard	63675-1ML-F
(1R)-(-)-Menthyl acetate, analytical standard	45985-1ML-F 45985-5ML-F
(1S)-(+)-Menthyl acetate, analytical standard	45987-1ML-F 45987-5ML-F
8-Mercaptomenthone, analytical standard, mixture of isomers	89259-1ML 89259-5ML
3-Mercapto-3-methylbutyl formate, analytical reference material	38229-100MG
2-Mercaptopropionic acid, analytical standard	16583-1ML
Metanil Yellow, analytical standard	44426-100MG
L-Methionine hydrochloride solution, 100 mM amino acid in 0.1 M HCl, analytical standard	50272-5ML-F
4'-Methoxyacetophenone, analytical standard	52222-100MG

* Name	Catalog Number
2-Methoxybenzaldehyde, analytical standard	94414-100MG
4-Methoxybenzyl alcohol, analytical standard	50138-100MG
trans-p-Methoxycinnamaldehyde, analytical standard	61384-50MG
7-Methoxycoumarin, analytical standard	42248-10MG
4-Methoxy-2-methyl-2-butanethiol, analytical standard	41162-250MG
3-Methoxyphenol, analytical standard	44777-1ML
4-Methoxyphenol, analytical standard	92264-250MG
4-(4-Methoxyphenyl)-2-butanone, analytical standard	59702-1ML
2-Methoxy-4-vinylphenol, analytical standard	89189-100MG
Methyl acetate, analytical standard	45997-1ML-F 45997-5ML-F
4'-Methylacetophenone, analytical standard	59932-1ML
2-Methyl-trans-aconitic acid sodium salt hydrate, ≥95.0% (TLC)	18802-10MG 18802-50MG
Methyl acrylate, analytical standard	76778-1ML-F 76778-5ML-F
2-Methylanisole, analytical standard	18073-100MG
Methyl arachidate, analytical standard	10941-1G 10941-5G
Methyl behenate, analytical standard	11940-1G 11940-5G
Methyl benzoate, analytical standard	18344-1ML-F 18344-5ML-F
7-Methyl-2H-1,5-benzodioxepin-3(4H)-one, analytical standard	97597-100MG
Methyl benzoylformate, analytical standard	41263-1ML
o-Methylbenzyl acetate, analytical standard	78975-1ML
2-Methyl-1-butanol, analytical standard	52566-1ML
3-Methyl-1-butanol, analytical standard	77664-1ML 77664-5ML
trans-2-Methyl-2-butenal, analytical standard	74164-1ML
2-Methylbutyl acetate, analytical standard	30761-100MG
Methyl p-tert-butylphenylacetate, analytical standard	62535-100MG
2-Methylbutyraldehyde, analytical standard	61904-100MG
Methyl butyrate, analytical standard	19358-1ML 19358-5ML
2-Methylbutyric acid, analytical standard	49659-1ML
16-O-Methylcafestol, analytical standard	68328-2MG
Methyl cinnamate, analytical reference material	80835-250MG
Methyl trans-cinnamate, analytical standard	75032-50MG
6-Methylcoumarin, analytical standard	69391-100MG
Methyl crotonate, analytical standard	96848-1ML
Methyl cyclopentenolone, analytical standard	80133-100MG
3-Methyl-2-cyclopentenone, analytical standard	74914-250MG
Methyl decanoate, analytical standard	21479-1ML 21479-5ML
Methyldibromoglutaronitrile, analytical standard	34392-500MG
Methyl cis,cis-11,12,14,15-diepoxyeicosanoate, qualitative standard, ≥97.0% (sum of stereoisomers, GC)	42986-10MG-F 42986-50MG-F
Methyl dihydrojasmonate, mixture of cis and trans, analytical standard	59677-1ML
Methyl all-cis-7,10,13,16,19-docosapentaenoate, analytical standard	17269-50MG
Methyl cis-13-docosenoate, analytical standard	45659-1ML-F 45659-5ML-F
Methyl dodecanoate, analytical standard	61689-5ML
Methyl cis,cis-11,14-eicosadienoate, analytical standard	17272-100MG
Methyl all-cis-5,8,11,14,17-eicosapentaenoate, analytical standard	17266-100MG
Methyl cis-5,8,11,14-eicosatetraenoate solution, certified reference material, 10 mg/mL in heptane	47572-U
Methyl cis-11-eicosenoate, analytical standard	17263-100MG

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Methyl elaidate, analytical standard	45119-1ML 45119-5ML
3-O-Methylglucic acid, analytical standard	93026-10MG
(RS)-(Methylenecyclopropyl)acetic acid, analytical standard	63978-100MG
2-Methylfuran, analytical standard	39587-1ML 39587-5ML
5-Methylfurfural, analytical reference material	91307-1ML
(E)-2-Methylglutaconic acid, ≥98.0% (HPLC)	74626-10MG 74626-50MG
(Z)-3-Methylglutaconic acid, ≥97.0% (HPLC)	42641-50MG 42641-250MG 42641-10MG
(E)-3-Methylglutaconic acid, ≥97.0% (HPLC)	44108-50MG 44108-250MG 44108-10MG
Methyl heneicosanoate, analytical standard	51535-1G
Methyl heptadecanoate, analytical standard	51633-1G 51633-5G
Methyl heptanoate, analytical standard	75218-1ML 75218-5ML
6-Methyl-5-hepten-2-one, analytical standard	67397-1ML
Methyl hexacosanoate, analytical standard	52203-100MG
3-Methylhexanal, analytical standard	62112-100MG
Methyl hexanoate, analytical standard	21599-1ML-F 21599-5ML-F
Methyl 3-hydroxyhexanoate, analytical standard	77938-100MG
3-Methylindole, analytical standard	90961-100MG
Methyl isovalerate, analytical standard	36492-1ML
(-)-Methyl L-lactate, analytical reference material	90867-1ML
Methyl linoleate, analytical standard	62280-5ML
Methyl linolelaidate, analytical standard	62155-100MG
Methyl linolenate, analytical standard	62200-1ML 62200-5ML
3-Methylmalic acid, ≥95.0% (HPLC)	69369-50MG 69369-10MG
Methyl myristate, analytical standard	70129-1ML 70129-5ML
Methyl myristelaidate, analytical standard	70055-100MG
Methyl myristoleate, analytical standard	70121-100MG
Methyl nicotinate, analytical standard	69193-100MG
Methyl nonadecanoate, analytical standard	74208-1G 74208-5G
Methyl nonanoate, analytical standard	76368-1ML 76368-5ML
8-Methyl-6-nonenic acid, predominantly <i>trans</i> , analytical standard	89117-100MG
Methyl 2-nonynoate, analytical reference material	50921-1ML
Methyl octacosanoate, analytical standard	74701-250MG
Methyl cis-11-octadecenoate, analytical standard	17264-100MG
Methyl octanoate, analytical standard	21719-5ML-F
Methyl 2-octynoate, analytical standard	68982-1ML
Methyl oleate, analytical standard	75160-1ML 75160-5ML
Methyl palmitate, analytical standard	76159-1G 76159-5G
Methyl palmitoleate, analytical standard	76176-1G
Methyl Paraben, analytical standard	47889
Methyl pentacosanoate, analytical standard	76497-100MG
Methyl pentadecanoate, analytical standard	76560-1ML 76560-5ML 76560-25ML
2-Methyl-2-pentenal, analytical standard	41301-1ML
4-Methyl-3-penten-2-one, analytical reference material	49722-1ML
Methyl phenylacetate, analytical standard	42958-1ML

* Name	Catalog Number
2-Methylpiperidine, analytical standard	74002-1ML
Methyl propionate, analytical standard	81988-1ML
1-Methylpyridinium iodide, analytical standard	69697-100MG
1-Methylpyrrole, analytical standard	18698-1ML 18698-5ML
6-Methylquinoline, analytical standard	74028-1ML
5-Methylquinoxaline, analytical standard	49597-100MG
Methyl ricinoleate, analytical standard	83916-100MG
Methyl stearate, analytical standard	85769-1G 85769-5G
Methyl tetracosanoate, analytical standard	87115-250MG 87115-1G
Methyl <i>cis</i> -15-tetracosenoate, analytical standard	17265-100MG
4-Methylthiazole, analytical standard	43919-1ML 43919-5ML
4-Methyl-5-thiazoleethanol, analytical standard	61352-100MG
2-Methyl-2-thiazoline, analytical standard	55381-1ML
2-Methylthiophene, analytical standard	78833-1ML 78833-5ML
3-(Methylthio)propionaldehyde, analytical reference material	44638-500MG
Methyl tricosanoate, analytical standard	91478-250MG 91478-1G
Methyl tridecanoate, analytical standard	91558-5ML
3-Methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-3-buten-2-one, analytical standard	16797-1ML
3-Methyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol, analytical standard	44064-250MG
Methyl undecanoate, analytical standard	94118-1ML 94118-5ML
Methyl valerate, analytical standard	94560-1ML 94560-5ML
7-O-Methylwogonin, analytical standard	41442-5MG
R-(+)-Methysticin, analytical standard	80488-5MG
(RS)-Mevalonic acid lithium salt, analytical reference material	42147-5MG
(R)-Mevalonic acid 5-phosphate lithium salt hydrate, analytical reference material	56399-5MG
Moniliformin sodium salt solution, 100 µg/mL in acetonitrile: water, analytical standard	37013-1ML
mono-Butyl phthalate, analytical standard	30751-100MG
Monocrotaline, analytical standard	37024-0.1MG
Mono-, Di-, and Triglycerides Kit, analytical standard	MDT12-1KT
Monosaccharides Kit, (individually packaged in quantities indicated), analytical standard	47267
Musk ketone solution, 100 µg/mL in acetonitrile, analytical standard	46377-2ML
Musk moskene solution, 100 µg/mL in acetonitrile, analytical standard	46376-2ML
Musk xylene solution, 100 µg/mL in acetonitrile, analytical standard	46383-2ML
Myrcene, analytical standard	64643-100MG-F 64643-500MG-F
Myricetin, analytical standard	72576-10MG
Myricitrin, analytical standard	67268-10MG
Myristic acid, analytical standard	70079-5G
Myristic-d ₂₇ acid, analytical standard	68698-25MG
Myristoleic acid, analytical standard	41788-100MG
(-)- <i>cis</i> -Myrtenal, analytical standard	70154-1ML
(1R)-(-)-Myrtenal, analytical standard	18032-1ML
(-)-Myrtenol, analytical standard	70158-1ML
(-)-Myrtenyl acetate, analytical standard	80699-1ML
2-Naphthalenethiol, analytical standard	92015-100MG
Naphthol Yellow S, analytical standard	49547-25MG
(±)-Naringenin, analytical standard	52186-50MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Naringenin 4',7-dimethyl ether, analytical standard	76716-5MG
Naringin, analytical reference material	91842-500MG
Negundoside, analytical standard	80724-10MG
Neandrographolide, analytical standard	49879-5MG
Neochlorogenic acid, analytical standard	91213-5MG
Neohesperidin, analytical standard	40927-10MG
Neohesperidin dihydrochalcone, analytical standard	75041-100MG
Neosolaniol, reference material	32932-5MG
Neosolaniol solution, 100 µg/mL in acetonitrile, analytical standard	34138-2ML
Neotame, analytical standard	49777-100MG
Neoxanthin, analytical standard	72994-1MG
Nerol, analytical standard	50949-1ML
<i>trans</i> -Nerolidol, analytical standard	18143-100MG-F
Nervonic acid, analytical standard	87117-100MG
Nervonic acid, analytical reference material	75252-25MG
Neryl acetate, analytical standard	46015-1ML
NHI-D FAME mix, analytical standard	O8381-1AMP
NHI-F FAME mix, analytical standard	O8631-1AMP
Nicotinamide (Niacinamide), analytical standard	47865-U
Nicotinic acid, analytical standard	47864
Nivalenol hydrate, analytical standard	32929-5MG
Nivalenol solution, 100 µg/mL in acetonitrile, analytical standard	34131-2ML
Nobiletin, analytical standard	92600-10MG
Nodularin solution, 10 µg/mL in methanol, analytical standard	32539-1ML
Nomilin, analytical standard	77518-10MG
Nonadecanoic acid, analytical standard	72332-1G-F 72332-5G-F
5-Nonadecylresorcinol, analytical standard	57981-10MG
5-(Nonadecyl-1,1,2,2-d ₄)resorcinol, analytical standard	49519-10MG
<i>trans,trans</i> -2,4-Nonadienal, analytical standard	61410-1ML 61410-5ML
γ-Nonalactone, analytical reference material	44542-1ML
Nonanoic acid, analytical standard	73982-5ML
3-Nonanone, analytical reference material	73867-1ML 73867-5ML
Non-volatile Acid Standard Mix, 0.01 meq/mL each component in deionized water, analytical standard	46985-U
(+)-Nootkatone, analytical standard	44889-50MG
Nordihydrocapsiate, analytical standard	43344-25MG
DL-Norvaline, analytical standard	53721-100MG
Notoginsenoside R1, analytical standard	77089-10MG
Nystose, analytical standard	56218-25MG 56218-100MG
Oakmoss Extract solution, 1 mg/mL in ethanol, analytical standard	75264-1ML
Obacunone, analytical standard	74191-10MG
Ochratoxin A, from <i>Aspergillus ochraceus</i> , reference material	32937-5MG
Ochratoxin A solution, 10 µg/mL in acetonitrile, analytical standard	34037-2ML-R
Ochratoxin A-d ₅ solution, 10 µg/mL in acetonitrile, analytical standard	32245-2ML
Ochratoxin A- ¹³ C ₂₀ solution, 10 µg/mL in acetonitrile, analytical standard	33416-1ML
Ochratoxin B solution, 10 µg/mL in acetonitrile, analytical standard	32411-2ML
<i>cis</i> -9, <i>cis</i> -12-Octadecadienoic acid methyl ester, certified reference material, 10 mg/mL in heptane	46950-U
<i>trans</i> -9,12-Octadecadienoic acid methyl ester, certified reference material, 10 mg/mL in heptane	46951-U

* Name	Catalog Number
<i>cis</i> -6-Octadecenoic acid methyl ester, certified reference material, 10 mg/mL in heptane	47198
<i>trans</i> -6-Octadecenoic acid methyl ester, 10 mg/mL in heptane, analytical standard	47199
<i>cis</i> -9-Octadecenoic acid methyl ester, certified reference material, 10 mg/mL in heptane	46902-U
γ-Octalactone, analytical standard	51573-100MG
δ-Octalactone, mixture of isomers, analytical standard	94490-1ML 94490-5ML
Octanal, analytical standard	52466-1ML 52466-5ML
1,3-Octanediol, analytical standard	76516-100MG
Octanoic acid, analytical standard	21639-5ML
Octanoic-d ₁₅ acid, analytical standard	55471-25MG
(±)-2-Octanol, analytical standard	42277-1ML
3-Octanol, analytical standard	93856-1ML
<i>trans</i> -2-Octenal, analytical reference material	52464-1ML 52464-5ML
1-Octen-3-ol, analytical standard	68225-5ML
<i>trans</i> -3-Octen-2-one, analytical standard	41339-1ML
(±)-Octopamine hydrochloride, analytical standard	68631-100MG
Oil Orange SS, analytical standard	79285-25MG
Oleanolic acid, analytical standard	42515-10MG
Oleic acid, analytical standard	75090-5ML 75090-25ML
Oleic acid- ¹³ C ₁₈ , analytical standard	68560
Oleuropein, analytical standard	92167-10MG
Olive oil, analytical standard	47118
5(or2)-Ethyl-4-hydroxy-2(or5)-methyl-3(2H)-furanone, analytical standard	18943-1ML
Orange II sodium salt, analytical standard	69143-25MG
Orange II-(<i>naphthyl</i> -d ₆) sodium salt, analytical standard	15703-25MG
Organic Acids Kit, (individually packaged), analytical standard	47264
Orientin, analytical standard	55736-5MG
L-Ornithine monohydrochloride, analytical standard	57197-100MG
Osthole, analytical standard	78889-25MG
Oxybenzone, analytical standard	59647-50MG
Oxypeucedanin, analytical standard	42904-5MG
Paeoniflorin, analytical standard	75603-10MG
Palmitic acid, analytical standard	76119-5G
Palmitic-d ₃₁ acid, analytical standard	68277-25MG
Palmitoleic acid, analytical standard	76169-1G
2-Palmitoylglycerol, analytical standard	75614-25MG
Palm oil, analytical standard	46962
D-Pantothenic acid hemicalcium salt, analytical standard	47867
Paraben internal standard mix solution, 10 µg/mL in acetone, analytical standard	32124-5ML
Paraben internal standard mix solution, 50 µg/mL in acetone, analytical standard	32125-1ML
Paraben target analyte mix solution, 10 µg/mL in acetone, analytical standard	32126-5ML
Paraben target analyte mix solution, 50 µg/mL in acetone, analytical standard	32127-1ML
Pararot, analytical standard	40446-100MG
Patent Blue V calcium salt, analytical standard	74748-25MG
Patulin, reference material	32759-5MG
Patulin solution, 100 µg/mL in acetonitrile, analytical standard	34127-2ML
Paxilline solution, 100 µg/mL in acetonitrile, analytical standard	35417-1ML
Peanut oil, analytical standard	47119
Pelargonin chloride, analytical standard	41290-1MG-F

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Pentadecafluorooctanoic acid, analytical standard	33824-100MG
Pentadecafluorooctanoic acid solution, 100 µg/mL in methanol, analytical standard	33603-1ML
Pentadecanoic acid, analytical standard	91446-5G
5-Pentadecylresorcinol, analytical standard	91822-10MG
2,3-Pentanedione, analytical standard	69043-100MG
<i>trans</i> -2-Pentenal, analytical standard	94575-1ML
1-Penten-3-one, contains ~0.1% BHT as stabilizer, analytical standard	76723-1ML
Pentyl acetate, analytical standard	66962-1ML
2-Pentyl butyrate, analytical standard	14672-1ML
(-)-Perillyl alcohol, analytical standard	77311-1ML
Petroselinic acid, analytical standard	77374-25MG
Phenethyl acetate, analytical standard	73747-1ML 73747-5ML
Phenethyl isothiocyanate, analytical standard	68488-250MG
Phenyl acetate, analytical standard	30311-1ML
Phenylacetic acid, analytical standard	38166-100MG
L-Phenylalanine hydrochloride solution, 100 mM amino acid in 0.1 M HCl, analytical standard	44026-5ML-F
Phenyl disulfide, analytical standard	92528-100MG
Phloretin, analytical reference material	91897-10MG
Phloridzin dihydrate, analytical standard	79589-50MG
Phospholipid mixture for HPLC from <i>Glycine max</i> (soybean), analytical standard	P3817-1VL
3-Phosphoshikimic acid lithium salt, ≥95.0% (HPLC)	55385-1MG 55385-50MG 55385-10MG
Phthalic acid, analytical standard	79255-100MG
Phthalide, analytical standard	55906-100MG
Phyllanthin, analytical standard	75110-10MG
Phylloquinone (K1), analytical standard	47773
Physcion, analytical standard	93893-10MG
Picein, analytical standard	74192-10MG
2-Picoline, analytical standard	74350-500MG
4-Picoline, analytical reference material	40519-1ML 40519-5ML
Picroside I, analytical standard	40525-10MG
Picroside II, analytical standard	68922-10MG
Pigment Red 53, analytical standard	67195-25MG
Pigment Yellow 1, analytical standard	93021-25MG
Pigment Yellow 3, analytical standard	30884-25MG
(1R)-(+)- <i>cis</i> -Pinane, analytical standard	80593-5ML
(1S)-(-)- <i>trans</i> -Pinane, analytical standard	80595-1ML
(-)- α -Pinene, analytical standard	80599-1ML 80599-5ML
(+)- α -Pinene, analytical standard	80605-1ML 80605-5ML
(-)- β -Pinene, analytical standard	80609-1ML 80609-5ML
(+)- β -Pinene, analytical standard	80607-1ML 80607-5ML
<i>o</i> -Pinitol, analytical standard	74948-25MG
Piperazine, analytical standard	94209-100MG
Piperidine, analytical standard	76046-100MG
Piperine, analytical standard	75047-50MG
Piperitone, analytical standard	79899-10MG
Piperlyne, analytical standard	55805-10MG
Podophyllotoxin, analytical standard	73379-25MG
Ponceau 3R, analytical standard	49904-25MG
Ponceau 4R, analytical standard	18137-25MG
Ponceau 6R, analytical standard	96365-25MG
Ponceau SX, analytical standard	92395-25MG

* Name	Catalog Number
Ponceau Xylidine, analytical standard	22308-25MG
Poncirin, analytical standard	77536-10MG
Potassium disulfite, analytical standard	55777-1G
Potassium Sorbate, analytical standard	47848
Prenyl acetate, analytical standard	75833-1ML
6-Prenylnaringenin, analytical standard	75602-5MG
8-Prenylnaringenin, analytical standard	75119-5MG
Primulaverin, analytical standard	30147-5MG
Primverin, analytical standard	90657-5MG
Procyanidin B1, analytical standard	19542-1MG-F
Procyanidin B2, analytical standard	42157-1MG-F
Procyanidin C1, analytical standard	50878-5MG
L-Proline hydrochloride solution, 100 mM amino acid in 0.1 M HCl, analytical standard	94321-5ML-F
Propionaldehyde, analytical standard	64409-1ML 64409-5ML
Propiophenone, analytical standard	61074-1ML 61074-5ML
Propyl acetate, analytical standard	40858-1ML 40858-5ML
Propylamine, analytical standard	53646-1ML
3-Propylideneephthalide, mixture of isomers, analytical standard	75012-1ML
3-Propylmalic acid, ≥95.0% (HPLC)	69499-10MG 69499-50MG
Propyl mercaptan, analytical standard	44784-1ML
Protein Standard, analytical standard, 200 mg/mL (BSA)	P5369-10ML
Protein Standard, analytical standard, 80 mg/mL (HSA and gamma-globulins)	P8119-5ML
Protein Standard, analytical standard, 2 mg/vial BSA	P5619-5VL P5619-25VL
Protein Standard Mix 15 - 600 kDa, for size exclusion chromatography	69385-30MG 69385-6X30MG
Protein Standard Set, analytical standard	P5494-1SET
Protopanaxadiol, analytical standard	62685-10MG
Protopanaxatriol, analytical standard	42476-10MG
Pseudoginsenoside F11, analytical standard	67530-10MG
Pseudohypericin, analytical standard	51593-5MG
Psoralen, analytical standard	73633-10MG
Puerarin, analytical standard	96006-10MG
PUFA No.1 (Marine Source), Marine source, analytical standard	47033
PUFA No.2 (Animal Source), analytical standard	47015-U
PUFA No.3 (from menhaden oil), From Menhaden Oil, analytical standard	47085-U
(+)-Pulegone, analytical standard	82569-5ML
Punicalagin, analytical standard	50793-10MG
Punicalin, mixture of anomers, analytical standard	67988-10MG
Putrescine, analytical standard	51799-100MG
Pyrazine, analytical standard	65693-100MG
Pyrazinecarboxamide, analytical standard	40751-100MG
3-Pyridinemethanol, analytical standard	43045-1ML
Pyridoxine Hydrochloride (B6), analytical standard	47862
Pyrrole, analytical standard	49817-1ML 49817-5ML
Pyrrolidine, analytical reference material	69581-1ML 69581-5ML
Quercetin 3-glucoside, analytical standard	16654-10MG
Quercetin 3-glucuronide, analytical standard	90733-5MG
Quercetin 3-O-rutinoside-7-O-glucoside, analytical standard	55836-10MG
<i>trans</i> -Quercus lactone, analytical standard	72777-100MG
(-)-Quinic acid, analytical standard	46944-U

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Quinine hydrochloride dihydrate, analytical standard	48457-500MG
Quinoline, analytical standard	94517-1ML
(1S,2R,3S,5S,6R)-2-(4-Quinolonyl)-6-vinyl-1-azabicyclo[3.2.2]nonan-3-ol, analytical standard	30729-50MG
Rebaudioside A, analytical reference material	38462-10MG
Rebaudioside B, analytical standard	49747-10MG
Rebaudioside C, analytical standard	30987-10MG
Rebaudioside D, analytical standard	19189-10MG
Red 2G, analytical standard	40462-25MG
Residual Solvents in Packaging Material Mixture 1, analytical standard, 7.14 % (v/v), pkg of 1 mL	48994-U
Residual Solvents in Packaging Material Mixture 2, analytical standard, 9.09 % (v/v)	48995-U
Retinol palmitate, analytical standard	46959-U
Retinyl acetate, analytical standard	46958
Retronecine, analytical standard	32328-10MG
Retrorsine, analytical standard	37025-0.05MG
Rhamnetin, analytical standard	17799-1MG-F 17799-5MG-F
Rhapontin, analytical standard	94168-50MG
Rhein, analytical standard	30873-10MG
Rhodamine B, analytical standard	79754-25MG
Rhodamine 6G, analytical standard	56226-25MG
Rhodamine B base, analytical standard	74362-25MG
Riboflavin (B2), analytical standard	47861
Ricinoleic acid, analytical standard	90969-100MG
3-Ring NOGE (Novolac glycidyl ether) mixture of isomers, analytical standard	68931-50MG-F
5-Ring NOGE (Novolac glycidyl ether) mixture of isomers, chain-like or branched, analytical standard	12109-50MG-F
6-Ring NOGE (Novolac glycidyl ether) mixture of isomers, chain-like or branched, analytical standard	30977-50MG-F
(-)-Rose oxide, analytical standard	83917-1ML
(+)-Rose oxide, analytical standard	83915-1ML
Rubiadin, analytical standard	74553-10MG
Rubusoside, analytical standard	62933-10MG
Rutin trihydrate, analytical standard	78095-25MG-F 78095-100MG-F
Sabinene hydrate, analytical standard	96573-500MG-F 96573-5G-F
Saccharin Calcium Salt, analytical standard	47840
Safflower oil, analytical standard	47120-U
Sakuranetin, analytical standard	73422-10MG
o(-)-Salicin, analytical standard	79588-100MG
Salidroside, analytical standard	43866-25MG
Salvianolic acid A, analytical standard	97599-10MG
Salvianolic acid B, analytical standard	49724-10MG
(-)-o-Santonin, analytical standard	53653-10MG
Schaftoside, analytical standard	42925-5MG
Schisandrin A, analytical standard	90139-50MG
Sclareol, analytical standard	49944-100MG
(3aR)-(+)-Sclareolide, analytical standard	56699-100MG
(-)-Scopolamine hydrochloride, analytical standard	37022-0.1MG
Scopoletin, analytical standard	38332-10MG
Scutellarin, analytical standard	73577-10MG
Secologanin, analytical standard	50741-5MG-F
Senecionine, analytical standard	37031-0.05MG
Senecionine, analytical standard	50351-5MG
Seneciphylline, analytical standard	73913-5MG
Senkirkine, analytical standard	37032-0.05MG
Sennoside A, analytical standard	68909-5MG-F 68909-25MG-F

* Name	Catalog Number
Sennoside B, analytical standard	75412-25MG-F
Sennoside C, analytical standard	73235-10MG
Sennoside D, analytical standard	16383-10MG
D,L-Serine, analytical standard	68353-100MG
Serotonin, analytical standard	14927-25MG
Serratol, analytical standard	78689-5MG
Sesamin, analytical standard	59867-10MG
Shatavarin IV, analytical standard	30151-10MG
Shikimic acid, analytical standard	69686-50MG
[6]-Shogaol, analytical standard	39303-10MG
[10]-Shogaol, analytical standard	91287-5MG
Silybin B, analytical standard	59527-5MG
Silychristin, analytical standard	51681-10MG
Silydianin, analytical standard	30494-10MG
trans-Sinapic acid, analytical standard	93878-50MG
Sinensetin, analytical standard	89392-10MG
β-Sitosterol, analytical standard	43623-10MG
β-Sitosterol, certified reference material, 100 µg/mL in chloroform	47133
β-Sitosterol β-D-glucoside, analytical standard	89851-10MG
Skullcapflavone I, analytical standard	53382-10MG
Sodium benzoate, analytical standard	47850
Sodium Cyclamate, analytical standard	47827
Sodium formate, analytical standard	67253-1G
Sodium nitrate, analytical standard	15736-1G
Sodium nitrite, analytical standard	67398-1G
Sodium Saccharin, analytical standard	47839
Solvent Green 3, analytical standard	91005-100MG
Solvent Green 7 hydrate, analytical standard	16214-100MG
Solvent Yellow 124, analytical standard	49639-50MG 49639-250MG
Solvent Yellow 124-(phenyl-d ₅), analytical standard	90967-25MG
Sorbic acid, analytical standard	47845
D-Sorbitol, analytical standard	47841
Soybean oil, analytical standard	47122
Spermidine, analytical standard	49761-100MG
Spermine, analytical standard	55513-100MG
Spiraeoside, analytical standard	91802-5MG
Stachybotrylactam, analytical standard	35976-0.1MG
Starch from corn, analytical standard, analytical standard for Starch Assay Kits SA-20 and STA-20	S5296-5G
Stearic acid, analytical standard	85679-500MG 85679-5G
Stearic acid- ¹³ C ₁₈ , analytical standard	89065-5MG
2-Stearoylglycerol, analytical standard	36484-25MG
Stearyl stearate, analytical standard	46408-100MG
Sterigmatocystin, reference material	32609-5MG
Sterigmatocystin solution, 50 µg/mL in acetonitrile, analytical standard	32986-1ML
Steviol, analytical standard	19345-10MG
Steviolbioside, analytical standard	59754-10MG
Stevioside, analytical standard	50956-10MG
Stigmasterol, certified reference material, 10 mg/mL in chloroform	47132
Sucralose, analytical standard	90984-100MG
Sucrose, analytical standard, for enzymatic assay kit SCA20	S1174-500MG
Sucrose, analytical standard	47289
D-(+)-Sucrose octaacetate, analytical standard	94474-100MG
Sudan I, analytical standard	51383-25MG
Sudan I-d ₅ , analytical standard	34184-10MG

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Sudan I-d ₅ solution, 100 µg/mL in acetonitrile, analytical standard	34181-2ML
Sudan III, analytical standard	68562-25MG
Sudan IV, analytical standard	67386-25MG
Sudan IV-d ₆ , analytical standard	34161-10MG
Sudan Blue II, analytical standard	19531-25MG
Sudan III-(naphthyl-d ₆), analytical standard	90212-10MG
Sudan Orange G, analytical standard	43207-25MG
Sudan Red B, analytical standard	51602-25MG
Sudan red G, analytical standard	91282-25MG
Sudan Red 7B, analytical standard	53373-25MG
Sugar Alcohol Kit, (individually packaged in quantities indicated), analytical standard	47266
Sunflower seed oil, analytical standard	47123
Sunset Yellow FCF, analytical standard	68775-25MG
Swertiamarin, analytical standard	90957-10MG
Synephrine, analytical standard	75256-50MG
Syringic acid, analytical standard	63627-100MG
o-(-)-Tagatose, analytical standard	75935-50MG
Tangeretin, analytical standard	91004-10MG
Tanshinone I, analytical standard	80714-10MG
Tanshinone IIA, analytical standard	51704-10MG
3β-Taraxerol, analytical standard	75934-10MG
Taxifolin, analytical standard	78666-25MG-F 78666-100MG-F
Tectoridin, analytical standard	89948-50MG
Tectorigenin, analytical standard	67359-25MG
Tentoxin, analytical standard	35977-0.1MG
Tenuazonic acid, analytical standard	37018-0.1MG
Terephthalic acid, analytical standard	40818-100MG
γ-Terpinene, analytical standard	86476-1ML 86476-5ML
(-)-Terpinen-4-ol, analytical standard	49598-50MG
(+)-Terpinen-4-ol, analytical standard	86477-1ML 86477-5ML
Terpineol, mixture of isomers, analytical standard	77663-1ML 77663-5ML
α-Terpineol, analytical standard	30627-100MG
(+)-α-Terpineol, analytical standard	83073-5ML-F
Terpinolene, analytical standard	43905-1ML
2,3,5,6-Tetrachloroanisole, analytical standard	78245-100MG
2-(Tetradecyl-d ₂₅)cyclobutanone, analytical standard	43133-5MG
Tetrahydrocurcumin, analytical standard	50202-10MG
2,3,5,6-Tetramethylpyrazine, analytical standard	95162-100MG
Theobromine, analytical standard	42993-100MG
Thiamine Hydrochloride (B1), analytical standard	47858
Thimerosal, analytical standard	30376-100MG
Thioanisole, analytical standard	92358-1ML
L-Threonine hydrochloride solution, 100 mM amino acid in 0.1 M HCl, analytical standard	69356-5ML-F
Tiliroside, analytical standard	79257-10MG
(±)-α-Tocopherol, analytical standard	47783
rac-β-Tocopherol solution, 50 mg/mL in hexane, analytical standard	46401-U
(+)-γ-Tocopherol, analytical standard	47785
δ-Tocopherol, analytical standard	47784
o-α-Tocopherol succinate, analytical standard	47782
o-α-Tocotrienol, analytical reference material	68814-10MG
γ-Tocotrienol, analytical standard	49634-100MG
o-γ-Tocotrienol, analytical reference material	77992-25MG
δ-Tocotrienol, analytical standard	69745-100MG
o-Tolualdehyde, analytical standard	92819-1ML

* Name	Catalog Number
m-Tolualdehyde, analytical standard	30194-1ML
p-Tolualdehyde, analytical standard	41423-1ML 41423-5ML
Toluidine Red, analytical standard	59659-25MG
T-2 Toxin- ¹³ C ₂₄ solution, 25 µg/mL in acetonitrile, analytical standard	33892-1ML
Triacetin, analytical standard	74103-5ML 74103-1ML
Tribulosin, analytical standard	51675-10MG
B-Trichothecene mix, (DON, NIV, 3-AcDON, 15-AcDON), 100 µg/mL in acetonitrile (each of DON, NIV, 3-AcDON and 15-AcDON), analytical standard	34134-2ML
Tridecanoic acid, analytical standard	91988-5G
5-Tridecylresorcinol, analytical standard	56453-10MG
Triethanolamine, analytical reference material	50926-1ML
Triethylamine, analytical standard	73487-1ML 73487-5ML
Triethyl citrate, analytical standard	14849-1ML
Triethyl orthoformate, analytical standard	43103-1ML 43103-5ML
1,3,6-Tri-O-galloyl-β-D-glucose, analytical standard	78864-10MG
Triglyceride Mix, C2 - C10, ampule of 100 mg (Neat)	17810-1AMP-S
Triglycerides Kit, (individually packaged in quantities indicated), analytical standard	TRI19-1KT
Triglycerides, Saturated, Even Carbon Kit, (individually packaged in quantities indicated), analytical standard	TRI11-1KT
Trigonelline hydrochloride, analytical standard	61407-100MG
Trimethylamine hydrochloride, analytical standard	41284-100MG
β,β,3-Trimethylbenzenepropanol, analytical standard	69791-250MG
2,6,6-Trimethyl-2-cyclohexene-1,4-dione, analytical standard	14239-100MG
2,3,5-Trimethylpyrazine, analytical standard	50714-1ML
T-2-Triol solution, 50 µg/mL in acetonitrile, analytical standard	32913-1ML
Tripipronin, analytical standard	76047-100MG
17α(H)-22,29,30-Trisnorhopan solution, 0.1 mg/mL in isoctane, analytical standard	61695-1ML
Tryptamine, analytical standard	76706-100MG
(S)-ar-Turmerone, analytical standard	42258-10MG
Tyramine, analytical standard	80345-100MG
Umbelliferone, analytical standard	54826-50MG
Umckalin, analytical standard	50792-10MG
γ-Undecalactone, analytical standard	89985-1ML
Undecanal, analytical standard	80139-1ML
Undecanoic acid, analytical standard	89764-1G-F
6-Undecanone, analytical standard	68738-1ML 68738-5ML
10-Undecenoic acid, analytical standard	73537-1ML
DL-3-Ureidoisobutyric acid, ≥99.0% (HPLC)	74005-50MG 74005-10MG
Urethane, analytical standard	76607-100MG
Ursolic acid, analytical standard	89797-5MG-F 89797-25MG-F
Valeraldehyde, analytical standard	42272-1ML
Valerenic acid, analytical standard	51964-1MG 51964-5MG
Valeric acid, analytical standard	75054-1ML 75054-5ML
γ-Valerolactone, analytical standard	40951-1ML
DL-Vanillactic acid lithium salt hydrate, ≥97.0% (HPLC)	89127-50MG 89127-10MG 89127-250MG
Vanillic acid 4-β-D-glucoside, analytical standard	14515-5MG
Vanillyl alcohol, analytical standard	61852-100MG
Vasicine, analytical standard	92951-10MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Life Science/Food & Beverage

* Name	Catalog Number
Verbasco, analytical standard	56217-5MG
(1S)-(-)-Verbenone, analytical standard	94882-1ML 94882-5ML
Verrucologen solution, 100 µg/mL in acetonitrile, analytical standard	37016-1ML
Vescalagin, analytical standard	76418-5MG
Vicine, analytical standard	78260-10MG
Victoria Pure Blue BO, analytical standard	76773-25MG
Vincamine, analytical reference material	75778-50MG
Vinpocetine, analytical standard	16292-5MG
Viridiflorol, analytical standard	72999-25MG
Vitamin E acetate, analytical standard	47786
Vitexin, analytical standard	49513-10MG-F
Vitexin 4'-O-glucoside, analytical standard	43907-5MG
Vitexin 2-O-rhamnoside, analytical standard	55608-5MG-F 55608-25MG-F
Wedelolactone, analytical standard	56639-10MG
Withaferin A, analytical standard	89910-10MG
Withanolide A, analytical standard	74776-10MG
Withanolide B, analytical standard	94284-10MG
Withanone, analytical standard	90896-10MG
Withanoside IV, analytical standard	94186-10MG
Withanoside V, analytical standard	66042-10MG
Wortmannin solution, 100 µg/mL in acetonitrile, analytical standard	35441-1ML
WSFA-2, 0.1 wt. % each component in deionized water, qualitative standard	47056
WSFA-4, 0.1 wt. % each component in deionized water, qualitative standard	47058
Xanthotoxin, analytical standard	56448-50MG
Xylitol, analytical standard	47844
o-(+)-Xylose, analytical standard	47253
Yangonin, analytical standard	75575-5MG
α-Zearalenol solution, 10 µg/mL in acetonitrile, analytical standard	35405-1ML
β-Zearalenol solution, 10 µg/mL in acetonitrile, analytical standard	35407-1ML
α-Zearalenol solution, 10 µg/mL in acetonitrile, analytical standard	35406-1ML
β-Zearalenol solution, 10 µg/mL in acetonitrile, analytical standard	35409-1ML
Zearalenone, reference material	32939-5MG
Zearalenone solution, 100 µg/mL in acetonitrile, analytical standard	34126-2ML
Zearalenone- ¹³ C ₁₈ solution, 25 µg/mL in acetonitrile, analytical standard	32758-1ML
Zeaxanthin, analytical standard	14681-1MG-F

Melting Point Standards

* Name	Catalog Number
Melting point standard 47-49°C, analytical standard	50296-1G 50296-5G
Melting Point Standard 69-71°C, analytical standard	77402-1G 77402-5G
Melting point standard 121-123°C, analytical standard	76170-5G
Melting point standard 182-184°C, analytical standard	42183-250MG 42183-1G
Melting point standard 235-237°C, analytical standard	41019-1G 41019-5G
Melting point standard 283-286°C, analytical standard	67372-250MG 67372-1G

* Name	Catalog Number
Mettler-Toledo Calibration substance ME 18555, Benzoic acid, analytical standard, for the calibration of the thermosystem 900, traceable to primary standards (LGC)	73983-5G-F
Mettler-Toledo Calibration substance ME 18870, Benzophenone, for the calibration of the thermosystem 900, traceable to primary standards (LGC)	73664-5G-F
Mettler-Toledo Calibration substance ME 18872, Caffeine, analytical standard, for the calibration of the thermosystem 900, traceable to primary standards (LGC)	75035-5G-F
Mettler-Toledo Calibration substance ME 30034252, Phenyl salicylate, traceable to primary standards	44770-5G
Mettler-Toledo Calibration substance ME 51143091, Saccharin, traceable to primary standards (LGC)	41131-5G
Mettler-Toledo Calibration substance ME 51143093, Vanillin, traceable to primary standards (LGC)	77634-5G
Mettler-Toledo Calibration substance ME 51143095, Potassium nitrate, traceable to primary standards (LGC)	49143-5G
Naphthalene, analytical standard	84679-250MG 84679-1G

Miscellaneous

* Name	Catalog Number
Acetonitrile, analytical standard	45983-5ML
Benzylpenicilloic acid disodium salt, mixture of epimeres, ≥95% (HPLC)	68186-10MG 68186-50MG
N _α -Methyl-L-tryptophan, analytical standard	73893-100MG
2-Phenyl-5-benzimidazolesulfonic acid, analytical reference material	68569-100MG

MS Markers

* Name	Catalog Number
Cesium iodide, analytical standard for high-resolution mass spectroscopy	21004-1G
Heptacosafuorotributylamine, analytical standard, for mass spectrometry	77299-5ML 77299-25ML
Perfluorotetracosane, analytical standard, for mass spectrometry	77298-500MG
2,4,6-Tris(trifluoromethyl)-1,3,5-triazine, analytical standard, for mass spectrometry	80286-1G-F 80286-5G-F

NMR Standards

* Name	Catalog Number
Ammonium- ¹⁵ N nitrate- ¹⁵ N solution, NMR reference standard, 98 atom % ¹⁵ N, 66.67 mg/mL in D ₂ O (99 atom % D), NMR tube size 5 mm × 8 in.	631825-1EA
Benzamide- ¹⁵ N solution, NMR reference standard, 98 atom % ¹⁵ N, 2% in DMSO- <i>d</i> ₆ ("100%", 99.96 atom % D), chromium(III) acetylacetonate 0.2 %, NMR tube size 6.5 mm × 8 in.	703419-1EA
Benzene solution, NMR reference standard, 80% in acetone- <i>d</i> ₆ (99.9 atom % D), NMR tube size 5 mm × 8 in.	611980-1EA
Chloroform solution, NMR reference standard, 1% in acetone- <i>d</i> ₆ (99.9 atom % D), NMR tube size 3 mm × 8 in.	611778-1EA
Chloroform solution, NMR reference standard, 1% in acetone- <i>d</i> ₆ (99.9 atom % D), NMR tube size 4 mm × 8 in.	613037-1EA
Chloroform solution, NMR reference standard, 1% in acetone- <i>d</i> ₆ (99.9 atom % D)	487163-8IN 487163-7IN
Chloroform solution, NMR reference standard, 1% in acetone- <i>d</i> ₆ (99.9 atom % D), NMR tube size 8 mm × 8 in.	487171-1EA

Standards for Routine Analytical Applications

NMR Standards

* Name	Catalog Number
Chloroform solution, NMR reference standard, 1% in acetone-d ₆ (99.9 atom % D), NMR tube size 10 mm x 8 in.	611743-1EA
Chloroform solution, NMR reference standard, 5% in acetone-d ₆ (99.9 atom % D), NMR tube size 3 mm x 8 in.	611786-1EA
Chloroform solution, NMR reference standard, 5% in acetone-d ₆ (99.9 atom % D), NMR tube size 5 mm x 8 in.	487759-1EA
Chloroform solution, NMR reference standard, 20% in acetone-d ₆ (99.9 atom % D), NMR tube size 5 mm x 8 in.	611859-1EA
Chloroform solution, NMR reference standard, 2% in chloroform-d (99.8 atom % D), NMR tube size 3 mm x 8 in.	613304-1EA
Chloroform solution, NMR reference standard, 2% in chloroform-d (99.8 atom % D), NMR tube size 5 mm x 8 in.	613312-1EA
Chloroform solution, NMR reference standard, 5% in acetone-d ₆ (99.9 atom % D), chromium(III) acetylacetonate 2 %, NMR tube size 10 mm x 8 in.	736430-8IN
Chloroform solution, NMR reference standard, 50% in acetone-d ₆ (99.9 atom % D), chromium(III) acetylacetonate 0.2 %, NMR tube size 10 mm x 8 in.	736422-8IN
Chloroform solution, NMR reference standard, 3% in acetone-d ₆ (99.9 atom % D), TMS 0.2 %, NMR tube size 5 mm x 8 in.	612987-1EA
Chloroform solution, NIST standard reference material, 1% in acetone-d ₆ (99.9 atom % D)	646881-1EA
Chloroform solution, NMR reference standard, 1% in acetone-d ₆ (99.9 atom % D), TMS 0.1 %, NMR tube size 5 mm x 8 in.	612979-1EA
1,2-Dichlorobenzene solution, NMR reference standard, 1% in acetone-d ₆ (99.9 atom % D), NMR tube size 3 mm x 8 in.	612502-1EA
1,4-Dioxane solution, NMR reference standard, 40% in benzene-d ₆ (99.6 atom % D), NMR tube size 3 mm x 8 in.	612111-1EA
1,4-Dioxane solution, NMR reference standard, 5 mM in benzene-d ₆ (99.6 atom % D), NMR tube size 3 mm x 8 in.	631833-1EA
1,4-Dioxane solution, NMR reference standard, 5 mM in chloroform-d (99.8 atom % D), NMR tube size 3 mm x 8 in.	631868-1EA
1,4-Dioxane solution, NMR reference standard, 40% in benzene-d ₆ (99.6 atom % D), NMR tube size 5 mm x 8 in.	736171-8IN
1,4-Dioxane solution, NMR reference standard, 10% in benzene-d ₆ (99.6 atom % D), chromium(III) acetylacetonate 5 mg/mL, NMR tube size 5 mm x 8 in.	612774-1EA
Ethylbenzene solution, NMR reference standard, 0.1% in chloroform-d (99.8 atom % D), TMS 0.01 %, NMR tube size 3 mm x 8 in.	487112-1EA
Ethylbenzene solution, NMR reference standard, 0.1% in chloroform-d (99.8 atom % D), TMS 0.01 %, NMR tube size 5 mm x 8 in.	487104-8IN
Ethylbenzene solution, NMR reference standard, 0.1% in chloroform-d (99.8 atom % D), TMS 0.01 %, chromium(III) acetylacetonate 0.1 mg/mL, NMR tube size 5 mm x 8 in.	612480-1EA
Ethylbenzene solution, NMR reference standard, 10% in chloroform-d (99.8 atom % D), NMR tube size 5 mm x 8 in., ultra-thin wall	736198-8IN
Ethylbenzene solution, NMR reference standard, 10% in chloroform-d (99.8 atom % D), TMS 0.01 %, NMR tube size 5 mm x 8 in.	612529-1EA
Ethylbenzene solution, NMR reference standard, 0.4% in chloroform-d (99.8 atom % D), NMR tube size 3 mm x 8 in.	612758-1EA
Ethylbenzene solution, NMR reference standard, 0.1% in chloroform-d (99.8 atom % D), NMR tube size 8 mm x 7 in.	612456-1EA
Formamide solution, NMR reference standard, 90% in DMSO-d ₆ (99.9 atom % D), NMR tube size 3 mm x 8 in.	613339-1EA

* Name	Catalog Number
Formamide solution, NMR reference standard, 90% in DMSO-d ₆ (99.9 atom % D), NMR tube size 5 mm x 8 in.	551384-8IN
Formamide solution, NMR reference standard, 45% in DMSO-d ₆ (99.9 atom % D), NMR tube size 3 mm x 8 in.	612707-1EA
Formamide solution, NMR reference standard, 45% in DMSO-d ₆ (99.9 atom % D), NMR tube size 5 mm x 8 in.	611891-1EA
Formamide solution, NMR reference standard, 90% in DMSO-d ₆ (99.9 atom % D), NMR tube size 5 mm x 8 in.	736201-8IN
Gadolinium(III) chloride solution, NMR reference standard, 0.1 mg/mL in D ₂ O (99.9 atom % D), DSS 0.1 %, water 1 %, NMR tube size 3 mm x 8 in.	612081-1EA
Gadolinium(III) chloride solution, NMR reference standard, water 1 %, DSS 0.1 %, 0.1 mg/mL in D ₂ O (99.9 atom % D), NMR tube size 5 mm x 8 in.	487139-1EA
Gadolinium(III) chloride solution, NMR reference standard, 0.1 mg/mL in D ₂ O (99.9 atom % D), DSS 0.1 %, water 1 %, NMR tube size 8 mm x 8 in.	611948-1EA
Gadolinium(III) chloride solution, NMR reference standard, 0.1% in D ₂ O (99.9 atom % D), DSS 0.1 %, water 20 %, NMR tube size 5 mm x 8 in.	612855-1EA
Gadolinium(III) chloride solution, NMR reference standard, 0.1 mg/mL in D ₂ O (99.9 atom % D), water 25 %, DSS 0.1 %, NMR tube size 3 mm x 8 in.	612553-1EA
Gadolinium(III) chloride solution, NMR reference standard, 0.1 mg/mL in D ₂ O (99.9 atom % D), water 25 %, DSS 0.1 %, NMR tube size 5 mm x 8 in.	612588-1EA
Gadolinium(III) chloride solution, NMR reference standard, 0.1 mg/mL in D ₂ O (99.9 atom % D), NMR tube size 3 mm x 8 in.	612731-1EA
Gadolinium(III) chloride solution, NMR reference standard, 1 mg/mL in D ₂ O (99.9 atom % D), DSS 0.1 %, water 1 %, NMR tube size 4 mm x 8 in.	613177-1EA
Gadolinium(III) chloride solution, NMR reference standard, 1 mg/mL in D ₂ O (99.9 atom % D), water 1 %, DSS 0.1 %, NMR tube size 5 mm x 8 in.	612545-1EA
3-Heptanone solution, NMR reference standard, 1% in chloroform-d (99.8 atom % D), NMR tube size 5 mm x 8 in.	551325-1EA
Hexamethyldisiloxane solution, NMR reference standard, 25% in benzene-d ₆ (99.6 atom % D), NMR tube size 5 mm x 8 in.	611921-1EA
Iodomethane- ¹³ C solution , 99 atom % ¹³ C (iodomethane- ¹³ C), NMR reference standard, 1% in chloroform-d (99.8 atom % D), trimethyl phosphite 1 %, chromium(III) acetylacetonate 0.2 %, NMR tube size 3 mm x 8 in.	487155-1EA
Iodomethane- ¹³ C solution , NMR reference standard, 1% in chloroform-d (99.9 atom % D), chromium(III) acetylacetonate 0.2 %, trimethyl phosphite 1 %, NMR tube size 8 mm x 8 in.	611336-1EA
Iodomethane- ¹³ C solution , NMR reference standard, 1% in chloroform-d (*100%, 99.96 atom % D), trimethyl phosphite 1 %, chromium(III) acetylacetonate 0.2 %, NMR tube size 5 mm x 8 in.	611328-1EA
Menthol solution, NMR reference standard, 30 wt. % in chloroform-d (99.8 atom % D), NMR tube size 5 mm x 8 in.	551376-1EA
Menthol solution, NMR reference standard, 50% in chloroform-d (99.8 atom % D), chromium(III) acetylacetonate 0.5 %, NMR tube size 5 mm x 8 in.	613290-1EA
Methanol- ¹³ C solution, NMR reference standard, 99 atom % ¹³ C, 0.1% in D ₂ O (99.9 atom % D), water 1 %, gadolinium(III) chloride 0.3 mg/mL, Acetonitrile- ¹⁵ N 0.1 % (98 atom % ¹⁵ N), NMR tube size 5 mm x 8 in.	775363-8IN
Nicotine solution, NMR reference standard, 20 mg/mL in chloroform-d (99.8 atom % D), CFCl ₃ 0.4 %, TMS 0.05 %, NMR tube size 5 mm x 8 in.	613207-1EA
Nicotine solution, NMR reference standard, 20 mg/mL in acetone-d ₆ (99.9 atom % D), TMS 0.05 %, CFCl ₃ 0.4 %, NMR tube size 5 mm x 8 in.	613223-1EA

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

NMR Standards

* Name	Catalog Number
Nicotine solution, NMR reference standard, 20 mg/mL in DMSO- <i>d</i> ₆ (99.9 atom % D), TMS 0.05 %, CFCl ₃ 0.4 %, NMR tube size 5 mm × 8 in.	613215-1EA
Nicotine solution, NMR reference standard, 20 mg/mL in acetone- <i>d</i> ₆ (99.9 atom % D), TMS 0.05 %, NMR tube size 5 mm × 8 in.	612626-1EA
Nicotine solution, NMR reference standard, 20 mg/mL in ethanol- <i>d</i> ₆ (99.5 atom % D), TMS 0.05 %, NMR tube size 5 mm × 8 in.	612596-1EA
Nicotine solution, NMR reference standard, 2 mg/mL in acetonitrile- <i>d</i> ₃ (99.8 atom % D), TMS 0.05 %, NMR tube size 5 mm × 8 in.	612049-1EA
Nicotine solution, NMR reference standard, 2 mg/mL in benzene- <i>d</i> ₆ (99.6 atom % D), TMS 0.05 %, NMR tube size 5 mm × 8 in.	612014-1EA
Nicotine solution, NMR reference standard, 2 mg/mL in chloroform- <i>d</i> (99.8 atom % D), TMS 0.05 %, NMR tube size 5 mm × 8 in.	612022-1EA
Nicotine solution, NMR reference standard, 2 mg/mL in DMSO- <i>d</i> ₆ (99.9 atom % D), TMS 0.05 %, NMR tube size 5 mm × 8 in.	612030-1EA
Nicotine solution, NMR reference standard, 2 mg/mL in methanol- <i>d</i> ₄ (99.8 atom % D), TMS 0.05 %, NMR tube size 5 mm × 8 in.	612057-1EA
Potassium fluoride solution, NMR reference standard, 0.2 M in water, D ₂ O 10 %, NMR tube size 10 mm × 8 in.	611913-1EA
Potassium fluoride solution, NMR reference standard, 0.2 M in water, D ₂ O 10 % (99.9 atom % D), NMR tube size 8 mm × 8 in.	612871-1EA
Sodium acetate solution, NMR reference standard, 50 mM in D ₂ O (99.9 atom % D), water 1 %, NMR tube size 3 mm × 8 in.	613053-1EA
Sodium acetate + water in deuterium oxide, 99.9 atom % D, LC-NMR reference standard, 50 mM in D ₂ O (99.9 atom % D), water 1 %	613029-1EA
Sucrose solution, NMR reference standard, 2 mM in H ₂ O:D ₂ O (9:1) (99.9 atom % D), NMR tube size 5 mm × 8 in.	685887-1EA
Tetramethylsilane, analytical standard, for NMR spectroscopy, ACS reagent	87920-25ML
Tetramethylsilane solution, NMR reference standard, 12% in chloroform, NMR tube size 5 mm × 8 in.	551333-1EA
Thymol, Standard for quantitative NMR, TraceCERT®	50409-1G
Trichlorofluoromethane solution, NMR reference standard, 50% in chloroform- <i>d</i> (99.8 atom % D), NMR tube size 5 mm × 8 in.	612715-1EA
2,2,2-Trifluoroethanol, analytical standard, for NMR spectroscopy	91683-25ML 91683-100ML
α,α,α-Trifluorotoluene solution, NMR reference standard, 0.05% in benzene- <i>d</i> ₆ (99.6 atom % D), NMR tube size 5 mm × 8 in.	736120-8IN
α,α,α-Trifluorotoluene solution, NMR reference standard, 0.05% in chloroform- <i>d</i> ("100%", 99.96 atom % D), NMR tube size 5 mm × 8 in.	761427-8IN
Trimethyl phosphate solution, NMR reference standard, 25% in chloroform- <i>d</i> (99.8 atom % D), TMS 1 %, NMR tube size 5 mm × 7 in.	764353-7IN
Trimethyl phosphite solution, NMR reference standard, 1% in acetone- <i>d</i> ₆ (99.9 atom % D), NMR tube size 5 mm × 8 in., ultra-thin wall	736228-8IN
Triphenyl phosphate solution, NMR reference standard, 0.0485 M in chloroform- <i>d</i> (99.8 atom % D), NMR tube size 5 mm × 8 in.	551392-1EA
Triphenyl phosphate solution, NMR reference standard, 0.0485 M in chloroform- <i>d</i> (99.8 atom % D), NMR tube size 10 mm × 8 in.	611735-1EA
Triphenyl phosphate solution, NMR reference standard, 0.0485 M in acetone- <i>d</i> ₆ (99.9 atom % D), NMR tube size 5 mm × 8 in.	736368-8IN
Triphenyl phosphate solution, NMR reference standard, 3 mM in chloroform- <i>d</i> (99.8 atom % D), NMR tube size 5 mm × 8 in.	756911-8IN

* Name	Catalog Number
Triphenyl phosphate solution, NMR reference standard, 0.485 M in chloroform- <i>d</i> (99.8 atom % D), NMR tube size 3 mm × 8 in.	612146-1EA
Triphenyl phosphate solution, NMR reference standard, 0.0485 M in chloroform- <i>d</i> (99.8 atom % D), NMR tube size 8 mm × 8 in.	612863-1EA
Triphenyl phosphate solution, NMR reference standard, 0.03357 M in chloroform- <i>d</i> (99.8 atom % D), NMR tube size 5 mm × 8 in.	759511-8IN
Urea- ¹³ C, ¹⁵ N ₂ solution, NMR reference standard, 99 atom % ¹³ C, 98 atom % ¹⁵ N, 0.1 M in DMSO- <i>d</i> ₆ (99.9 atom % D), NMR tube size 5 mm × 7 in.	611387-1EA
Urea- ¹³ C, ¹⁵ N ₂ solution, NMR reference standard, 0.1 M in DMSO- <i>d</i> ₆ (99.9 atom % D), NMR tube size 8 mm × 7 in.	611360-1EA
Urea- ¹⁵ N ₂ solution, NMR reference standard, 0.1 M in DMSO- <i>d</i> ₆ (99.9 atom % D), NMR tube size 5 mm × 8 in.	611395-1EA

Other Certified Standards

* Name	Catalog Number
3-Sulfolopyruvic acid lithium salt hydrate, ≥97.0% (TLC)	39584-10MG 39584-50MG

Particle Size Standards

* Name	Catalog Number
Micro particles based on melamine resin, analytical standard, size: 3 μm	91329-10ML-F
Micro particles based on melamine resin, analytical standard, size: 8 μm	95523-5ML-F
Micro particles based on melamine resin, analytical standard, size: 10 μm	96062-10ML-F
Micro particles based on melamine resin, analytical standard, size: 12 μm	95538-10ML-F
Micro particles based on melamine resin, carboxylate-modified, size: 3 μm	75845-10ML-F
Micro particles based on melamine resin, carboxylate-modified, FITC-marked, analytical standard, size: 3 μm	88486-5ML-F
Micro particles based on melamine resin, carboxylate-modified, FITC-marked, analytical standard, size: 10 μm	90287-5ML-F 90287-10ML-F
Micro particles based on melamine resin, FITC-marked, analytical standard, size: 1 μm	90305-5ML-F 90305-10ML-F
Micro particles based on melamine resin, FITC-marked, analytical standard, size: 10 μm	94050-10ML-F
Micro particles based on melamine resin, Nile blue-marked, analytical standard, size: 10 μm	95611-10ML-F
Micro particles based on polymethacrylate, analytical standard, size: 1 μm	90875-5ML-F
Micro particles based on polymethacrylate, analytical standard, size: 4 μm	73371-5ML-F 73371-10ML-F
Micro particles based on polymethacrylate, analytical standard, size: 8 μm	90515-5ML-F 90515-10ML-F
Micro particles based on polymethacrylate, analytical standard, size: 20 μm	90549-5ML-F 90549-10ML-F
Micro particles based on polymethacrylate, analytical standard, size: 30 μm	77523-5ML-F
Micro particles based on polymethacrylate, analytical standard, size: 50 μm	74161-10ML-F
Micro particles based on polymethacrylate, analytical standard, size: 60 μm	77006-5ML-F
Micro particles based on polymethacrylate, analytical standard, size: 80 μm	90544-10ML-F
Micro particles based on polymethacrylate, analytical standard, size: 100 μm	74214-5ML-F 74214-10ML-F
Micro particles based on polystyrene, analytical standard, size: 15 μm	74964-5ML-F 74964-10ML-F

* Name	Catalog Number
Micro particles based on polystyrene, analytical standard, size: 20 µm	74491-5ML-F 74491-10ML-F
Micro particles based on polystyrene, analytical standard, size: 25 µm	79807-5ML-F 79807-10ML-F
Micro particles based on polystyrene, analytical standard, size: 30 µm	84135-5ML-F 84135-10ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 0.1 µm	90517-5ML-F 90517-10ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 0.5 µm	95585-5ML-F 95585-10ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 1.0 µm	72938-5ML-F 72938-10ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 2.0 µm	80177-5ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 3.0 µm	80304-5ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 4.0 µm	81494-5ML-F 81494-10ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 6.0 µm	89756-5ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 8.0 µm	84192-5ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 12.0 µm	88511-5ML-F 88511-10ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 20.0 µm	87896-5ML-F
Micro particle size standard based on polystyrene monodisperse, analytical standard, size: 30.0 µm	95531-5ML-F 95531-10ML-F

Petrochemical Standards

* Name	Catalog Number
Aliphatic Hydrocarbons Kit, analytical standard	44575-U
Alkane standard mixture for performance tests of GC-systems, analytical standard, C ₁₀ - C ₄₀ (all even), 50 mg/l each	68281-2ML-F 68281-10ML-F
Alkane Standard Mixture for performance tests of GC-systems, analytical standard, C ₁₀ ; C ₂₀ - C ₄₀ (all even), 50 mg/l each	94234-2ML 94234-10ML
Aluminum Organo Metallic Solution, pkg of 100 g, 0.5000 wt. %	ORGM-AL0.5
Ampoules for Titration Analysis	H2SRSH
Aromatics Mix, analytical standard	44587
ASTM® 5442 (C12-C60) Quantitative Linearity Standard, 0.01 % (w/w) each component in cyclohexane, analytical standard	502235
ASTM® D2887 Calibration Mix, (varied), analytical standard	48882
ASTM® D2887/D5307 Column Resolution Test Mix, certified reference material, 1 % (w/v) each component in octane	48889
ASTM® D2887 Quantitative Calibration Solution, analytical standard	500631
ASTM® D2887 Quantitative Calibration Solution, analytical standard	500658
ASTM® D2887 Reference Gas Oil , Sample 1, Lot 2, analytical standard, pkg of 6 x 1 mL	48873
ASTM® D2887 Reference Gas Oil , Sample 1, Lot 2, analytical standard	506419
ASTM® D2887 Reference Gas Oil , Sample 2, Lot 1	40172-U
ASTM® D2887 Reference Gas Oil , Sample 2, Lot 1	40174-U
ASTM® D3710 Qualitative Calibration Mix, analytical standard	48884
ASTM® D3710 Qualitative Calibration Mix, analytical standard	506427
ASTM® D3710 Quantitative Calibration Mix, analytical standard	506435
ASTM® D3710 Quantitative Calibration Mix, certified reference material, (conc. varied, Neat)	48879

* Name	Catalog Number
ASTM® D4815 Qualitative ID Mix, (each component at the nominal wt% indicated), analytical standard	47213
ASTM® D4815 Quantitative Calibration Kit, analytical standard	47211
ASTM® D4815 Quantitative Calibration Mixture 1, with Internal Standard, (each component at the nominal wt % indicated), analytical standard	47205
ASTM® D4815 Quantitative Calibration Mixture 2, with Internal Standard, (each component at the nominal wt % indicated), analytical standard	47206
ASTM® D4815 Quantitative Calibration Mixture 3, with Internal Standard, (each component at the nominal wt % indicated), analytical standard	47207
ASTM® D4815 Quantitative Calibration Mixture 4, with Internal Standard, (each component at the nominal wt % indicated), analytical standard	47208
ASTM® D4815 Quantitative Calibration Mixture 5, with Internal Standard, (each component at the nominal wt % indicated), analytical standard	47209
ASTM® D4815 Valve Timing Mix, (each component at the nominal wt% indicated), analytical standard	47212
ASTM® D5134 Qualitative Column Evaluation Mix, analytical standard, (0.5 - 1.0% by weight in 2-methylpentane)	502103
ASTM® D5134 Qualitative Reference Alkylate Standard, analytical standard	48267-U
ASTM® D5134 Qualitative Reference Naphtha Standard, analytical standard	48265-U
ASTM® D5134 Qualitative Reference Refinery Standard Kit, analytical standard	48268
ASTM® D5134 Qualitative Reference Reformate Standard, analytical standard	48266
ASTM® D5134 Splitter Linearity Check Mix, 10 % (w/w) each component (no solvent), analytical standard	506753
ASTM® D5307 Crude oil internal standard, (equal weights of the hydrocarbons listed), analytical standard	48479
ASTM® D5307 Crude oil qualitative standard, analytical standard	48182
ASTM® D5307 Crude oil quantitative standard, 6.25 % (w/w) each component, analytical standard	48179
ASTM® D5441 MTBE Contaminants (high) Mix A, certified reference material, 1 % (w/w) each component in methyl <i>tert</i> -butyl ether	47942
ASTM® D5441 MTBE Contaminants (low) Mix B, 0.1 % (w/w) each component in methyl <i>tert</i> -butyl ether, analytical standard	47943
ASTM® D5442 C12-C60 Qualitative Retention Time Mix, 6.25 % (w/w) each component, analytical standard	500623
ASTM® D5442 C16-C44 Qualitative Retention Time Mix, 8.3 % (w/w) each component, analytical standard	502251
ASTM® D5442 Quantitative Linearity Standard , C16-C44, 0.01 % (w/w) each component in cyclohexane, analytical standard	502278
ASTM® D5442 Quantitative Linearity Standard , C16 - C44, 0.01 % (w/w) each component in cyclohexane, analytical standard	502286
ASTM® D5442 Quantitative Linearity Standard , C12 - C60, 0.01 % (w/w) each component in cyclohexane, analytical standard	502243
ASTM® D5580 Calibration Mix 4, with Internal Standard, (Each component at nominal wt.% indicated.), analytical standard	47738-U
ASTM® D5580 Quantitative Calibration Kit, analytical standard	47734-U
ASTM® D5580 Quantitative Cal Mix 1, with Internal Standard, (Each component at nominal wt.% indicated.), analytical standard	47740-U
ASTM® D5580 Quantitative Cal Mix 2, with internal standard, (Each component at nominal wt.% indicated.), analytical standard	47741-U

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Petrochemical Standards

* Name	Catalog Number
ASTM® D5580 Quantitative Cal Mix 3, with internal standard, (Each component at nominal wt.% indicated.), analytical standard	47742-U
ASTM® D5580 Quantitative Cal Mix 4, (Each component at nominal wt.% indicated.), analytical standard	47743-U
ASTM® D5580 Quantitative Cal Mix 5, (Each component at nominal wt.% indicated.), analytical standard	47744-U
ASTM® D5580 Selectivity Check Standard, (Each component at nominal wt.% indicated.), analytical standard	47732-U
ASTM® D5580 Valve Timing Calibration Blend, (Each component at nominal wt.% indicated.), analytical standard	47731-U
ASTM® D6584 Standard Solution 2, in pyridine (varied), analytical standard	44914-U
ASTM® D6584 Standard Solution 3, in pyridine (varied), analytical standard	44915-U
ASTM®/EPA Aromatics Internal Standard Mix, (each component at wt% indicated), analytical standard	47327
ASTM® PS-12-60D, in cyclohexane (varied conc.), analytical standard	48932
ASTM® PS-12-60N, analytical standard	48930-U
ASTM® PS-18-44D Mix, in cyclohexane (varied conc.), analytical standard	48928
Aviation Gasoline, certified reference material, refinery grade, 20,000 µg/mL in methanol	47531-U
Barium Organo Metallic Solution , 0.1000 wt. %	ORGM-BA0.1
Beryllium Organo Metallic Solution, 0.5000 wt. %	ORGM-BE0.5
Bromine Index in Toluene, analytical standard, set of 3 × 200 mL	BRI3
Bromine Number in Toluene, analytical standard, set of 2 × 200 mL	BRNO2
BTEX Solution, certified reference material, 200 µg/mL each component in methanol	458026
C8-C40 Alkanes Calibration Standard, in dichloromethane (varied)	40147-U
Calcium Organo Metallic Solution , 0.5000 wt. %	ORGM-CA0.5
Chlorine and sulfur in mineral oil, analytical standard, set of 10 × 100 mL	CLSMO10
Chlorine and sulfur in waste oil, analytical standard, set of 10 × 100 mL	CLSWO10
Cobalt Organo Metallic Solution , 0.5000 wt. %	ORGM-CO0.5
Connecticut <i>n</i> -Hydrocarbon Mix, certified reference material, 1000 µg/mL each component in methylene chloride: carbon disulfide 85:15	46827-U
Decane, analytical standard	30540-5ML 30540-25ML
2,2-Dimethylbutane, analytical standard	39730-5ML 39730-10ML
2,3-Dimethylbutane, analytical standard	39760-5ML 39760-10ML
3,4-Dimethylhexane, analytical standard	40512-1ML-F
2,3-Dimethylpentane, analytical standard	41085-5ML
2,4-Dimethylpentane, analytical standard	41090-5ML
Docosane, analytical standard	43942-1G 43942-5G
Dodecane, analytical standard	44010-5ML 44010-25ML
Dotetracontane, analytical standard	44250-100MG
Dotriacontane, analytical standard	44253-1G
DRO Calibration Mix, 500 µg/mL each component in hexane, analytical standard	861287
Eicosane, analytical standard	44818-1G 44818-5G
EN 14105/D6584 Monoglyceride Stock Solution, 10 mg/mL each component in pyridine, analytical standard	49446-U
EPA GRO Mix, certified reference material, in methanol (varied)	47577-U

* Name	Catalog Number
EPH Matrix Spike Standard, 25 µg/mL each component in hexane, analytical standard	861195
Florida <i>n</i> -Hydrocarbon Mix, 1000 µg/mL each component in methylene chloride: carbon disulfide (1:1), analytical standard	46855-U
No. 1 Fuel Oil, refinery grade, 20,000 µg/mL in methanol, analytical standard	47518-U
No. 2 Fuel Oil, refinery grade, certified reference material, 20,000 µg/mL in methanol	47515-U
No. 3 Fuel Oil, refinery grade, 50,000 µg/mL in hexane, analytical standard	47534-U
No. 4 Fuel Oil, refinery grade, certified reference material, 50,000 µg/mL in hexane	47535-U
No. 6 Fuel Oil, 20,000 µg/mL in hexane: chloroform (1:1), analytical standard	47536-U
Gasoline Additives Mix, 200 µg/mL each component in methanol, analytical standard	47905
Gasoline, premium unleaded, certified reference material, refinery grade, 20,000 µg/mL in methanol	47516-U
GRO Mix, certified reference material, 2000 µg/mL each component in methanol	47576-U
Heneicosane, analytical standard	51523-1G 51523-5G
Hentetracontane, analytical standard	51531-1G
Hentriacontane, analytical standard	51529-250MG 51529-1G
Heptacosane, analytical standard	51559-250MG 51559-1G
Heptadecane, analytical standard	51578-1ML 51578-5ML
Heptane, analytical standard	51730-5ML 51730-50ML
Heptatriacontane, analytical standard	51848-1G
Hexacosane, analytical standard	52183-250MG 52183-1G
Hexadecane, analytical standard	52209-5ML 52209-25ML
Hexane, analytical standard	52750-10ML 52750-50ML
Hexatetracontane, analytical standard	52913-250MG
Hexatriacontane, analytical standard	52919-1G
Hydrocarbon Mix, certified reference material, 1000 µg/mL each component in cyclohexane	49137-U
Iron Organo Metallic Solution, 0.5000 wt. %	ORGMFE0.5
Isoparaffins Mix, (typical values shown), analytical standard	44586-U
Jet (Turbine) Fuel solution, refinery grade, 20,000 µg/mL in methanol, analytical standard	47533-U
JP-5 Military Fuel Standard, certified reference material, 10,000 µg/mL in methylene chloride	47586-U
JP-8 Military Fuel Standard, 10,000 µg/mL in methylene chloride, analytical standard	47587-U
Kerosene Reference Standard, 50,000 µg/mL in hexane, analytical standard	47517-U
LEAD IN GASOLINE, analytical standard, set of 7 × 100 mL	PBG7C
LEAD IN GASOLINE, analytical standard, set of 7 × 100 mL	PBG7A
Lead in Paint Standards on PE Film	Pb-PEF7
Lead Organo Metallic Solution, 0.5000 wt. %	ORGM-PB0.5
Low Level Sulfur Set (dibutyl sulfide), analytical standard, 0-0.1000 wt. % in isoctane:toluene (9:1)	SBSIT10
LOW LEVEL SULFUR SET (THIOPHENES), analytical standard, 0-0.1000 wt. % in isoctane:toluene (9:1)	STIT10
LUBRICATING OIL-ADD.-Ca,P,S,Zn, analytical standard	LOA11
LUBRICATING OIL-Ba,Ca,Cl,Cu,Mg,P,S,Zn, analytical standard	LOE23
LUBRICATING OIL-Ba,Ca,P,S,Zn, analytical standard	LOE17B

Standards for Routine Analytical Applications

Petrochemical Standards

* Name	Catalog Number
LUBRICATING OIL-Ca,Cl,Cu,Mg,P,S,Zn, analytical standard	LOE22
LUBRICATING OIL-Ca,Cl,Cu,Mg,P,S,Zn, analytical standard	LOE10
LUBRICATING OIL - Ca,Cl,Cu,Mg,P,S,Zn, analytical standard	LOE17A
LUBRICATING OIL-Ca,Mg,P,S,Zn, analytical standard	LOE17C
LUBRICATING OIL-Ca,P,S,Zn, analytical standard	LOE17
LUBRICATING OIL-Ca,P,S,Zn, analytical standard	LOEASTM1
Magnesium Organo Metallic Solution , 0.5000 wt. %	ORGM-MG0.5
Manganese Organo Metallic Solution , 0.5000 wt. %	ORGM-MN0.5
2-Methylbutane, analytical standard	59060-5ML 59060-10ML
2-Methylpentane, analytical standard	68310-5ML 68310-50ML
3-Methylpentane, analytical standard	68320-5ML 68320-50ML
Mineral oil standard mixture Type A and B for EN 14039 and ISO 16703, analytical standard, ~8 mg/mL in heptane (exact content on the label)	69246-10ML-F
Mineral oil standard mixture Type A and B for EN ISO 9377-2, analytical standard, ~10 mg/mL in heptane (exact content on the label)	18602-10ML-F
Molybdenum Organo Metallic Solution , 0.5000 wt. %	ORGM-MO0.5
Naphthenes Mix, analytical standard	44588
Nitrogen in Solid Polymer	NSSP
Nonacosane, analytical standard	74156-250MG 74156-1G
Nonadecane, analytical standard	74158-1G 74158-5G
Nonane, analytical standard	74250-50ML
Octadecane, analytical standard	74691-1G 74691-5G
Octane, analytical standard	74820-5ML 74820-50ML
Octapentacontane, analytical standard	74896-500MG
Octatetracontane, analytical standard	74892-100MG
Olefins Mix, analytical standard	44589
Oxygenates Mix 1, certified reference material, in methanol (varied)	861257
Oxygenates Mix 1, analytical standard, in methanol (varied conc.)	8561257
Oxygenates Mix 1, in methanol (varied conc.), analytical standard	861290
n-Paraffin Mix C7,C8,C9,C10, (varied conc.), analytical standard	47101
n-Paraffin Mix C5,C6,C7,C8, (varied conc.), analytical standard	47100
n-Paraffin Mix C10,C12,C14,C16, certified reference material, (varied conc.)	47102
n-Paraffin Mix C18,C20,C22,C24, certified reference material, 2 % (w/w) each component in octane	47108
n-Paraffin Mix C22,C24,C28,C32, 2 % (w/w) each component in octane, certified reference material	47106
n-Paraffin Mix C24,C28,C32,C36, certified reference material, 2 % (w/w) each component in octane	47107
n-Paraffins Mix, analytical standard	44585-U
Pentacosane, analytical standard	76493-250MG 76493-1G
Pentadecane, analytical standard	76509-5ML 76509-25ML
Pentane, analytical standard	76870-10ML 76870-50ML
Pentatriacontane, analytical standard	76968-250MG
Petroleum refinery heavy straight run naphtha, analytical standard	47488
Petroleum Refinery Pyrolyzed Gas (PY GAS), analytical standard	47490-U

* Name	Catalog Number
Petroleum Refinery Reformate, analytical standard	47489
Phosphorous Organo Metallic Solution , 0.5000 wt. %	ORGM-P0.5
P-I-A-N-O Kit, analytical standard	44594-U
P-I-A-N-O Mix, analytical standard	44593-U
Polywax® 500, analytical standard	48475
Polywax® 655, analytical standard	48477
Polywax® 655, 10,000 µg/mL in p-xylene, analytical standard	48482
PVOC Mix, 2000 µg/mL each component in methanol, analytical standard	47916
QC-Standard Solution for EN ISO 9377-2 , analytical standard	51706-1ML-F
Revised PVOC/GRO Mix, certified reference material, 2000 µg/mL each component in methanol	47578-U
SS Revised PVOC/GRO Mix, 1x1mL, MEQH 2000ug/ mL, analytical standard	4S7578-U
Sulfur and metals in mineral oil, analytical standard, set of 12 x 100 mL	SNVMO12
SULFUR AND METALS IN RESIDUAL FUEL	SFNVRO12
SULFUR IN CRUDE OIL SET, 0.05-5.0WT%, analytical standard	SCO10
SULFUR IN DIESEL COMPLETE SET , 5-450 ppm	SEPA6C
SULFUR IN DIESEL FUEL SET, 0-0.1WT%, analytical standard, set of 7 x 100 mL	SDF7
SULFUR IN DIESEL FUEL SET 300PPM, analytical standard, 1 ea of 500 mL	SEPAPH
SULFUR IN DIESEL FUEL SET, 0-5.0WT%, analytical standard, set of 10 x 100 mL	SDF10
SULFUR IN DIESEL FUEL SET, 7PPM, analytical standard, 1 ea of 500 mL	SEPAPL
SULFUR IN ISOCTANE, analytical standard, 0-0.300 wt. % in isoctane	SBSI13
SULFUR IN ISOCTANE SET, 0-1000 NG/UL, analytical standard, set of 11 x 100 mL	SIO11
SULFUR IN MINERAL OIL-COMP RANGE 0-5WT%, analytical standard, set of 11 x 100 mL	SMO11
SULFUR IN MINERAL OIL -HI RANGE 0.1-5WT%, analytical standard, set of 6 x 100 mL	SMO6H
SULFUR IN MINERAL OIL LO RANGE 0-0.1WT%, analytical standard, set of 7 x 100 mL	SMO7L
SULFUR IN MINERAL OIL SET, 0-0.1WT%, analytical standard, set of 10 x 100 mL	SMO10
SULFUR IN MINERAL OIL SET 0-1000PPM, analytical standard, set of 6 x 100 mL	SMO6H-H
SULFUR IN MINERAL OIL SET 150 AND 450PPM, analytical standard, set of 2 x 200 mL	SEPAGH
SULFUR IN MINERAL OIL SET 0-20PPM, analytical standard, set of 6 x 100 mL	SMO6L-H
SULFUR IN MINERAL OIL SET 0-500PPM, analytical standard, set of 6 x 100 mL	SIN-6C
SULFUR IN MINERAL OIL SET 0-50PPM, analytical standard, set of 5 x 100 mL	SMO6M-H
SULFUR IN MINERAL OIL SET, 0-5.0WT%, analytical standard, set of 10 x 100 mL	SMO10HL
SULFUR IN MINERAL OIL SET 5 AND 15PPM, analytical standard, set of 2 x 200 mL	SEPAGL
SULFUR IN RESIDENTIAL OIL 0.25-5.0WT%, analytical standard, set of 10 x 100 mL	SRO10
Sulfur and metals in residual fuel, analytical standard, set of 12 x 100 mL	SNVRO12
TAN in Mineral Oil, analytical standard, set of 2 x 500 mL	TAN2
Tetracontane, analytical standard	87086-250MG 87086-1G
Tetracosane, analytical standard	87089-1G 87089-5G
Tetradecane, analytical standard	87139-5ML 87139-25ML
Tetrapentacontane, analytical standard	87992-500MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Petrochemical Standards

* Name	Catalog Number
Tetraetracontane, analytical standard	88144-250MG
Tetraatriacontane, analytical standard	88152-250MG 88152-1G
Total Base Number in Mineral Oil, analytical standard	BNO3
Total Petroleum Hydrocarbons (TPH) Mixture 1, certified reference material, 2000 µg/mL each component in hexane: methylene chloride (1:1)	861424-U
Total Petroleum Hydrocarbons (TPH) Mixture 3, analytical standard	861394-U
Triacontane, analytical standard	90270-250MG 90270-1G
Tricosane, analytical standard	91447-1G 91447-5G
Tridecane, analytical standard	91490-5ML 91490-50ML
2,2,4-Trimethylpentane, analytical standard	59030-5ML 59030-10ML 59030-50ML
Tritriacontane, analytical standard	93435-250MG
Undecane, analytical standard	94000-5ML 94000-25ML
Underground Storage Tank (UST) Modified GRO, certified reference material, 1000 µg/mL each component in methanol	48167
Wear Metals Standard in Oil, Sulfur Free, 10 ppm each component	WM21-10
Wear Metals Standard in Oil, Sulfur Free, 100 ppm each component	WM21-100
Wear Metals Standard in Oil, Sulfur Free, 200 ppm each component	WM21-200
Wear Metals Standard in Oil, Sulfur Free, analytical standard, 30 ppm each component	WM21-30
Wear Metals Standard in Oil, Sulfur Free, 300 ppm each component	WM21-300
Wear Metals Standard in Oil, Sulfur Free, 50 ppm each component	WM21-50
Wear Metals Standard in Oil, Sulfur Free, 500 ppm each component	WM21-500
Wear Metals Standard in Oil, Sulfur Free, 750 ppm each component	WM21-750
Wear Metals Standard in Oil, Sulfur Free, 900 ppm each component	WM21-900
Yttrium Organo Metallic Solution , 0.5000 wt. %	ORGM-Y0.5
Yttrium Organo Metallic Solutions , 0.1000 wt. %	ORGM-Y0.1
Zinc Organo Metallic Solution, 0.5000 wt. %	ORGM-ZN0.5

Pharmaceutical & Clinical Standards

* Name	Catalog Number
4-Acetamido-d ₃ -antipyrine, VETRANAL™, analytical standard	32385-10MG
Acetaminophen-(ring-d ₄), analytical standard	80317-5MG
Acetazolamide, analytical standard	97582-100MG
N-Acetoxyulfamethoxazole, analytical standard	93826-25MG
5-(Acetylamino)-2-hydroxybenzoic acid, analytical standard	11309-25MG
N-Acetyl-S-phenyl-L-cysteine, analytical standard	30498-100MG
Acetylsalicylic acid-(methyl-d ₃), analytical standard	69011-5MG
N ⁴ -Acetylsulfapyridine, analytical standard	74339-25MG
AMCC, analytical standard	90914-10MG
N-[5-Amino-6-(2,3-dichlorophenyl)-1,2,4-triazin-3-yl]-2,3-dichlorobenzamide, pharmaceutical impurity standard	93190-50MG
2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl) methoxy]ethyl acetate, pharmaceutical impurity standard	16237-50MG

* Name	Catalog Number
2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl) methoxy]ethyl N-ethyl-L-valinate, pharmaceutical impurity standard	12404-50MG
2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl) methoxy]ethyl N-methyl-L-valinate hydrochloride, pharmaceutical impurity standard	38863-50MG
5-Aminosalicylic acid, analytical standard	18858-100MG
Apigeninidin chloride, analytical standard	65999-1MG-F
Atorvastatin-(anilide ring-d ₅) calcium salt, analytical standard	41561-5MG
Avobenzene, analytical standard	16633-25MG
(2R)-1-{Benzyl[2-(2-methoxyphenoxy)ethyl] amino}-3-(9H-carbazol-4-yloxy)-2-propanol, ≥95.0% (HPLC), pharmaceutical impurity standard	41946-50MG
Betamethasone, ≥95.0% (HPLC), pharmaceutical impurity standard	18081-50MG
N,N'-Bis{2-[[{5-[(dimethylamino)methyl]furan-2-yl} methyl]sulfanyl]ethyl}-2-nitroethene-1,1-diamine, ≥95.0% (HPLC), pharmaceutical impurity standard	42218-50MG
1,3-Bis(2-methoxyphenoxy)-2-propanol, pharmaceutical impurity standard	91277-50MG
3'-Bromo-2-(tert-butylamino)propiophenone hydrochloride, pharmaceutical impurity standard	51083-50MG
2-(tert-Butylamino)-4'-chloropropiophenone hydrochloride, pharmaceutical impurity standard	98849-50MG
Caffeine solution, analytical standard, 1.0 mg/mL in methanol	C6035-1ML
Capsaicin, analytical standard	12084-10MG-F 12084-50MG-F
Carbamazepine-2,3,4,6,7,8,10,11-d ₈ , analytical standard	51754-5MG
Carbamazepine 10,11-epoxide, analytical standard	93203-25MG
1-(3-Carboxypropyl)-3,7-dimethylxanthine, analytical standard	91841-25MG
Carbuterol acetate, VETRANAL™, analytical standard	32382-10MG
Carbuterol-(tert-butyl-d ₉) acetate sesquihydrate, VETRANAL™, analytical standard	37099-10MG
Carvedilol spiked with impurity F, ≥95.0% (HPLC), pharmaceutical impurity standard	36008-50MG
(17R)-4'-Chloro-5'-ethyl-9-fluoro-11β-hydroxy-16β-methylspiro[androsta-1,4-diene-17,2'(3'H)-furan]-3,3'-dione, ≥95.0% (HPLC), pharmaceutical impurity standard	93686-50MG
21-Chloro-9-fluoro-11β-hydroxy-16-methylpregna-1,4,16-triene-3,20-dione, ≥95.0% (HPLC), pharmaceutical impurity standard	38325-50MG
Clenisohexerol hydrochloride, VETRANAL™, analytical standard	34463-10MG
Clobetasol, ≥95.0% (HPLC), pharmaceutical impurity standard	73529-50MG
Cyanoguanidine, pharmaceutical impurity standard, ≥95.0% (HPLC)	41924-50MG
2-{1-[(2-Cyclopropyl-1-(2-fluorophenyl)-2-oxoethyl)-4-[2-(3-methoxyphenyl)-2-oxoethylthio]piperidin-3-ylidene]acetic acid hydrochloride, analytical standard	68113-1MG
2-{1-[(2-Cyclopropyl-1-(2-fluorophenyl)-2-oxoethyl)-4-{2-[3-(methoxy-d ₃)-phenyl]-2-oxoethylthio}piperidin-3-ylidene]acetic acid hydrochloride, analytical standard	74571-1MG
2-{1-[(2-Cyclopropyl-1-(2-fluorophenyl)-2-oxoethyl)-4-{2-[3-(methoxy-d ₃)-phenyl]-2-oxoethylthio}-1,2,5,6-tetrahydropyridin-3-yl]acetic acid hydrochloride, analytical standard	75254-1MG
Delphinidin chloride, analytical standard	43725-1MG-F 43725-10MG-F
N-Desisopropylpropranolol, analytical standard	90532-25MG
N-Desmethyl-4-hydroxytamoxifen, mixture of isomers, analytical standard	42725-10MG
N-Desmethyl ofloxacin, analytical standard	41244-25MG
O-Desmethyltramadol hydrochloride, analytical standard	94678-25MG

Standards for Routine Analytical Applications
Pharmaceutical & Clinical Standards

* Name	Catalog Number
O-Desmethylvenlafaxine, analytical standard	93867-50MG
Deterenol acetate, VETRANAL™, analytical standard	34464-10MG
2,3-Dichlorobenzoic acid, pharmaceutical impurity standard	19468-50MG
Didecyldimethylammonium chloride, analytical standard	34466-250MG
1,4-Dihydroxynaphthalene, analytical standard	76149-50MG
2-{{5-[(Dimethylamino)methyl]furan-2-yl}methyl} sulfanyl}ethanamine hemifumarate salt, pharmaceutical impurity standard	19336-50MG
3-[(Dimethylamino)methyl]-9-methyl-1,2,3,9-tetrahydro-4H-carbazol-4-one hydrochloride, pharmaceutical impurity standard	43924-50MG
4-(Dimethylamino)pyridine, pharmaceutical impurity standard	94673-50MG
1,3-Dimethylamylamine, analytical standard	93909-100MG
α,4-Dimethylphenylacetic acid, pharmaceutical impurity standard	90025-50MG
Dinitolmide, VETRANAL™, analytical standard	32452-25MG
Dopamine-1,1,2,2-d ₄ hydrochloride, analytical standard	73483-5MG
2-Ethyl-d ₅ -hexyl-2,3,3,4,4,5,5,6,6,6-d ₁₀ 4-methoxycinnamate, analytical standard	36383-10MG
Gentisuric acid, analytical standard	67989-25MG
Homosalate-(benzoic ring-d ₄), analytical standard	49949-10MG
Hydrochlorothiazide-4a,5,6,7,8,8a- ¹³ C ₆ , analytical standard	94491-5MG
3-Hydroxycarbamazepine, analytical standard	69696-25MG
Hydroxychloroquine sulfate, analytical standard	90527-50MG
5-Hydroxydiclofenac, analytical standard	41694-25MG
o-Hydroxyhippuric acid, analytical standard	49861-50MG
4-(2-Hydroxy-3-isopropylaminopropoxy)phenylacetic acid, analytical standard	77947-25MG
α-4-Hydroxy-3-methoxymandelic acid, analytical standard	73538-25MG
2-[4-(1-Hydroxy-2-methylpropyl)phenyl]propanoic acid, pharmaceutical impurity standard	62248-50MG
(±)-5-Hydroxyvalproic acid sodium salt, analytical standard	43964-50MG
3-Hydroxyvalproic acid, mixture of diastereomers, analytical standard, ≥98.0% (sum of diastereomers, GC)	30164-5MG
Ibuprofen-(methyl- ¹³ C, d ₃), analytical standard	39776-5MG
Ibuprofen-(ring- ¹³ C ₆), analytical standard	96052-5MG
Idebenone, analytical standard	67805-10MG
(3RS)-3-(1H-Imidazol-1-ylmethyl)-9-methyl-1,2,3,9-tetrahydro-4H-carbazol-4-one monohydrochloride, pharmaceutical impurity standard	92318-50MG
Iopromide, analytical standard	38701-25MG
(2RS)-2-(4-Isobutylphenyl)propionamide, pharmaceutical impurity standard	79763-50MG
(2RS)-2-(4-Isobutylphenyl)propionic acid, pharmaceutical impurity standard	90994-50MG
erythro-Isosuprine hydrochloride, VETRANAL™, analytical standard	32376-10MG
erythro-Isosuprine-(phenoxy- ¹³ C ₆) hydrochloride, VETRANAL™, analytical standard	32377-10MG
(±)-Ketamine-(methyl-d ₃) hydrochloride, VETRANAL™, analytical standard	32386-10MG
Lidocaine-(diethyl-d ₁₀), analytical standard	39778-5MG
Metformin-(dimethyl-d ₆) hydrochloride, analytical standard	53183-5MG
Methapyrilene-(dimethyl-d ₆) fumarate salt, VETRANAL™, analytical standard	32378-10MG
Methotrexate-(methyl- ¹³ C, d ₃), analytical standard	96694-5MG
2-(2-Methoxyphenoxy)ethylamine hydrochloride monohydrate, analytical standard, pharmaceutical impurity standard	40551-50MG

* Name	Catalog Number
1,1'-[2-(2-Methoxyphenoxy)ethyl]nitri]bis[3-(9H-carbazol-4-yloxy)propan-2-ol], pharmaceutical impurity standard	56344-50MG
3-Methoxytyramine hydrochloride, analytical standard	75024-25MG
9-Methyl-3-methylene-1,2,3,9-tetrahydro-4H-carbazol-4-one, ≥95.0% (HPLC), pharmaceutical impurity standard	54318-50MG
2-[(RS)-(4-Methylphenyl)phenylmethoxy]-N,N-dimethylethanamine hydrochloride, pharmaceutical impurity standard	62226-50MG
2-[4-(2-Methylpropyl)phenyl]ethanol, pharmaceutical impurity standard	61849-50MG
(2RS)-2-[4-(2-Methylpropyl)phenyl]propan-1-ol, pharmaceutical impurity standard	62728-50MG
9-Methyl-1,2,3,9-tetrahydro-4H-carbazol-4-one, pharmaceutical impurity standard	42243-50MG
(±)-Metoprolol-(isopropyl-d ₇) (+)-tartrate salt, VETRANAL™, analytical standard	32388-10MG
Metronidazole-(ethylene-d ₄) hydrochloride, analytical standard	51505-5MG
(2R)-3-(1-Naphthalenyloxy)-1,2-propanediol, analytical standard	49974-25MG
3-(1-Naphthalenyloxy)-1,2-propanediol, analytical standard	18994-25MG
(±)-Naproxen-(methoxy- ¹³ C, d ₃), analytical standard	92473-5MG
Norgestimate, analytical standard	94497-50MG
Obidoxime chloride, analytical reference material	74593-25MG
Omeprazole sulfide, pharmaceutical impurity standard	42639-50MG
Ondansetron LC System Suitability, pharmaceutical impurity standard	95439-50MG
Ondansetron TLC System Suitability, ≥95.0% (HPLC), pharmaceutical impurity standard	42884-50MG
Opi Pramol, analytical standard	52848-25MG
4-(2-Oxiranylmethoxy)-9H-carbazole, pharmaceutical impurity standard	98846-50MG
Oxybenzone-(phenyl-d ₅), analytical standard	73875-10MG
1,1'-Oxybis[3-(2-methoxyphenoxy)-2-propanol], pharmaceutical impurity standard	79213-50MG
Parbendazole-(methyl-d ₃), VETRANAL™, analytical standard	32383-10MG
Peonidin 3-O-glucoside chloride, analytical standard	42008-1MG-F
(R)-Phenylephrine-(methyl-d ₃) hydrochloride, analytical standard	55598-5MG
Prednisolone-2,4,6,6,21,21-d ₆ , analytical standard	42219-5MG
(±)-Propranolol-(isopropyl-d ₇) hydrochloride, VETRANAL™, analytical standard	32387-10MG
2-Propyl-2-pentenoic acid, analytical standard	89981-25MG
(±)-2-Propyl-4-pentenoic acid, analytical standard	80693-25MG
Quinoxaline, analytical standard	49498-100MG
Ranitidine N-oxide, analytical standard	69698-10MG
Ranitidine S-oxide, ≥95.0% (HPLC), pharmaceutical impurity standard	52448-50MG
Salicylic acid (phenyl- ¹³ C ₆), analytical standard	43825-5MG
Tetrachlorobisphenol A, analytical standard	73081-10MG
2,3,4,5-Tetrahydro-7-methoxy-4-methyl-1,4-benzothiazepine, analytical standard	59841-100MG
Theophylline-(dimethyl- ¹³ C ₂ , d ₆), analytical standard	91306-5MG
2,4,6-Triiodobenzoic acid, analytical standard	49458-25MG
Valeramide, pharmaceutical impurity standard	89925-50MG
Valeric acid, pharmaceutical impurity standard	44344-50MG
N-Vanillylnonanamide, analytical standard	15971-50MG 15971-100MG
Zilpaterol hydrochloride, VETRANAL™, analytical standard	32379-10MG
Zilpaterol-(isopropyl- ¹³ C ₃) hydrochloride, VETRANAL™, analytical standard	32380-10MG

3: Analytical Applications & Standards

Standards for Routine Analytical Applications

Polymer Standards

Polymer Standards

* Name	Catalog Number
Dextran, analytical standard, for GPC, Set M _p 1,000-400,000	31430-1EA
Dextran from <i>Leuconostoc mesenteroides</i> , analytical standard, for GPC, Mw 1,000	31416-100MG
Dextran from <i>Leuconostoc mesenteroides</i> , analytical standard, for GPC, Mw 5,000	31417-100MG-F
Dextran from <i>Leuconostoc mesenteroides</i> , analytical standard, for GPC, Mw 12,000	31418-100MG
Dextran from <i>Leuconostoc mesenteroides</i> , analytical standard, for GPC, Mw 25,000	31419-100MG-F
Dextran from <i>Leuconostoc mesenteroides</i> , analytical standard, for GPC, Mw 50,000	31420-100MG-F
Dextran from <i>Leuconostoc mesenteroides</i> , analytical standard, for GPC, Mw 80,000	31421-100MG-F
Dextran from <i>Leuconostoc mesenteroides</i> , analytical standard, for GPC, Mw 150,000	31422-100MG-F
Dextran from <i>Leuconostoc mesenteroides</i> , for GPC, Mw 270,000	31423-100MG-F
Dextran from <i>Leuconostoc mesenteroides</i> , analytical standard, for GPC, Mw 410,000	31424-100MG
Dextran from <i>Leuconostoc mesenteroides</i> , analytical standard, for GPC, Mw 670,000	31425-100MG-F
Poly(acrylic acid), analytical standard, average M _n 130,000 (Typical)	181293-10G
Poly(acrylic acid sodium salt), analytical standard, for GPC, 1,250	81117-250MG
Poly(acrylic acid sodium salt), analytical standard, for GPC, 16,000	81123-250MG
Poly(acrylic acid sodium salt), analytical standard, for GPC, 83,000	81131-250MG
Poly(Bisphenol A carbonate), analytical standard	181641-25G
Poly(Bisphenol A carbonate), analytical standard, molecular weight series	181676-1SET
Poly(butyl acrylate) solution, 25 wt. % in toluene, analytical standard, average M _w 60,000 (Typical), average M _n 20,000 (Typical)	181412-10G
Poly(butyl methacrylate), analytical standard, for GPC, 800,000	81475-250MG
Poly(dimethylsiloxane), analytical standard, for GPC, 311	81153-100MG
Poly(dimethylsiloxane), analytical standard, average M _w 95,000 (Typical), average M _n 50,000 (Typical)	181846-25G
Poly(dimethylsiloxane), set of analytical standards, molecular weight series	361879-1SET
Polyethylene, analytical standard, for GPC, 1,000	81219-100MG
Polyethylene, analytical standard, for GPC, 2,000	81223-100MG
Poly(ethylene glycol), analytical standard, for GPC, 200	81282-1G
Poly(ethylene glycol), analytical standard, for GPC, 300	81283-1G
Poly(ethylene glycol), analytical standard, for GPC, 400	81284-1G
Poly(ethylene glycol), analytical standard, for GPC, 600	81286-1G
Poly(ethylene glycol), analytical standard, for GPC, 1,000	81288-1G
Poly(ethylene glycol), analytical standard, for GPC, 1,500	81289-1G
Poly(ethylene glycol), analytical standard, for GPC, 2,000	81290-1G
Poly(ethylene glycol), analytical standard, for GPC, 3,000	81291-1G
Poly(ethylene glycol), analytical standard, for GPC, 4,000	81292-1G
Poly(ethylene glycol), analytical standard, for GPC, 6,000	81293-1G
Poly(ethylene glycol), analytical standard, for GPC, 8,000	81294-1G
Poly(ethylene glycol), analytical standard, for GPC, 12,000	81296-1G

* Name	Catalog Number
Poly(ethylene glycol), analytical standard, for GPC, 20,000	81298-1G
Poly(ethylene glycol), analytical standard, for GPC, 40,000	96699-1G-F
Poly(ethylene glycol), analytical standard, for GPC, 108,000	81201-500MG
Poly(ethylene glycol), analytical standard, for GPC, 218,000	81206-500MG
Poly(ethylene glycol), analytical standard, for GPC, 511,000	81213-500MG
Polyethylene glycol standard, analytical standard, set M _p 400-40'000	81396-1EA
Polyethylene glycol Standard ReadyCal Set M _p 102-40'000, for GPC	87976-1SET-F
Poly(ethyl methacrylate), analytical standard, average M _w 340,000 (Typical), average M _n 126,000 (Typical)	183350-25G
Poly(lauryl methacrylate) solution, 25 wt. % in toluene, analytical standard, average M _w 570,000 (Typical), average M _n 290,000 (Typical)	182192-5G
Poly(methacrylic acid sodium salt), analytical standard, 36,000, for GPC	18014-250MG
Poly(methyl methacrylate), analytical standard, for GPC, 2,000	81489-500MG
Poly(methyl methacrylate), analytical standard, for GPC, 4,000	94131-500MG
Poly(methyl methacrylate), analytical standard, for GPC, 8,000	81512-500MG
Poly(methyl methacrylate), analytical standard, for GPC, 10,000	81497-500MG
Poly(methyl methacrylate), analytical standard, for GPC, 20,000	81498-500MG
Poly(methyl methacrylate), analytical standard, for GPC, 50,000	81501-500MG
Poly(methyl methacrylate), analytical standard, for GPC, 100,000	81503-500MG
Poly(methyl methacrylate), analytical standard, for GPC, average M _w 97,000 (Typical), average M _n 46,000 (Typical)	370037-25G
Poly(methyl methacrylate) standard ReadyCal set M _p 500-2'700'000, for GPC	81506-1EA
Poly(α-methylstyrene), analytical standard, for GPC, 10,000	81516-250MG
Poly(α-methylstyrene), analytical standard, for GPC, 100,000	81520-250MG
Poly(α-methylstyrene), analytical standard, for GPC, 300,000	81523-250MG
Polystyrene, analytical standard, for GPC, 500	81401-1G
Polystyrene, analytical standard, for GPC, 800	327824-1G
Polystyrene, analytical standard, for GPC, 1,000	81402-250MG 81402-1G
Polystyrene, analytical standard, for GPC, 2,000	81403-1G
Polystyrene, analytical standard, for GPC, 2,500	327719-1G
Polystyrene, analytical standard, for GPC, 3,000	81404-250MG
Polystyrene, analytical standard, for GPC, 4,000	67302-1G
Polystyrene, analytical standard, for GPC, 4,000	327727-1G
Polystyrene, analytical standard, for GPC, 10,000	81406-250MG 81406-1G
Polystyrene, analytical standard, for GPC, 13,000	379514-1G
Polystyrene, analytical standard, for GPC, 20,000	81407-1G
Polystyrene, analytical standard, for GPC, 20,000	327743-1G
Polystyrene, analytical standard, for GPC, 30,000	81408-250MG 81408-1G
Polystyrene, analytical standard, for GPC, 35,000	327751-1G
Polystyrene, analytical standard, for GPC, 50,000	330345-1G
Polystyrene, analytical standard, for GPC, 70,000	81409-1G
Polystyrene, analytical standard, for GPC, 90,000	327778-1G
Polystyrene, analytical standard, for GPC, 150,000	81411-1G

* Name	Catalog Number
Polystyrene, analytical standard, for GPC, 100,000	81410-250MG 81410-1G
Polystyrene, analytical standard, for GPC, 200,000	81412-1G
Polystyrene, analytical standard, for GPC, 200,000	327786-1G
Polystyrene, analytical standard, for GPC, 300,000	81413-1G
Polystyrene, analytical standard, for GPC, 400,000	327794-1G
Polystyrene, analytical standard, for GPC, 560,000	81415-1G
Polystyrene, analytical standard, for GPC, 600,000	330353-1G
Polystyrene, analytical standard, for GPC, 900,000	327808-1G
Polystyrene, analytical standard, for GPC, 1,000,000	81416-250MG
Polystyrene, analytical standard, molecular weight series, for GPC, 1,800,000	92847-1G
Polystyrene, analytical standard, for GPC, 2,000,000	327816-1G
Polystyrene, analytical standard, for GPC, 8,000,000	81419-1G
Polystyrene, analytical standard, average M_w 290,000 (typical), average M_n 130,000 (typical)	182435-25G
Polystyrene (low molecular) Standard ReadyCal Set M (p) 250-70000, for GPC	76552-1EA
Polystyrene standard ReadyCal set M_p 400-2'000'000, for GPC	81434-1EA
Polystyrene standard set M_p 400-1'800'000, for GPC	81421-1EA
Polystyrene standards, Low molecular weight, analytical standard, pkg of 1 kit	48937
Poly(styrenesulfonic acid sodium salt), analytical standard, for GPC, 210	81604-250MG
Poly(styrenesulfonic acid sodium salt), analytical standard, for GPC, 4,300	81606-250MG
Poly(styrenesulfonic acid sodium salt), analytical standard, for GPC, 6,800	81607-250MG
Poly(styrenesulfonic acid sodium salt), analytical standard, for GPC, 17,000	81609-250MG
Poly(styrenesulfonic acid sodium salt), analytical standard, for GPC, 32,000	81610-250MG
Poly(styrenesulfonic acid sodium salt), analytical standard, for GPC, 77,000	81612-250MG
Poly(styrenesulfonic acid sodium salt), analytical standard, for GPC, 150,000	81614-250MG
Poly(styrenesulfonic acid sodium salt), analytical standard, for GPC, 2,600,000	81617-250MG
Poly(vinyl acetate), analytical standard, molecular weight series	182508-1SET
Poly(vinyl chloride), analytical standard, average M_w 85,000 (Typical), average M_n 40,000 (Typical)	182621-25G
Poly(2-vinylpyridine), analytical standard, average M_w 5,000 (Typical), average M_n 4,800 (Typical)	523291-1G
Poly(2-vinylpyridine), analytical standard, average M_w 37,500 (Typical), average M_n 35,000 (Typical)	523321-1G
Poly(2-vinylpyridine), analytical standard, average M_w 159,000 (Typical), average M_n 152,000 (Typical)	523356-1G
Pullulan Standard, certified reference material, certified according to DIN, for GPC, 1,300	53168-25MG
Pullulan Standard, certified reference material, certified according to DIN, for GPC, 6,000	18179-25MG
Pullulan Standard, certified reference material, certified according to DIN, for GPC, 12,000	97873-25MG
Pullulan Standard, certified reference material, certified according to DIN, for GPC, 22,000	42598-25MG
Pullulan Standard, certified reference material, certified according to DIN, for GPC, 50,000	43807-25MG
Pullulan Standard, certified reference material, certified according to DIN, for GPC, 110,000	47053-25MG
Pullulan Standard, certified reference material, certified according to DIN, for GPC, 400,000	18579-25MG
Pullulan Standard, certified reference material, certified according to DIN, for GPC, 800,000	18789-25MG
Pullulan Standard Set, set of analytical standards, for GPC, M_p 342-710'000	96351-1KT

Redox Standards

* Name	Catalog Number
Redox standard, 200 mV	40661-500ML
Redox standard, 250 mV	13198-500ML
Redox standard, 358 mV	77088-500ML
Redox standard, 400 mV	77647-500ML
Redox standard, 465 mV	78855-500ML
Redox standard, 600 mV	80138-500ML
Redox standard, 650 mV	87783-500ML

TOC Standards

* Name	Catalog Number
TOC standard, according to ISO/CEN EN1484, 25 mg/L \pm 2 mg/L	90326-250ML-F 90326-500ML-F
TOC standard, according to ISO/CEN EN1484, 50 mg/L \pm 2 mg/L	94450-250ML-F
TOC standard, according to ISO/CEN EN1484, 100 mg/L \pm 5 mg/L	70961-250ML-F 70961-500ML-F
TOC standard, according to ISO/CEN EN1484, 250 mg/L \pm 5 mg/L	95781-500ML-F
TOC standard, according to ISO/CEN EN1484, 500 mg/L \pm 10 mg/L	76319-250ML-F 76319-500ML-F
TOC standard, according to ISO/CEN EN1484, 1000 mg/L \pm 10 mg/L	76067-250ML-F 76067-500ML-F

X-Ray Standards

* Name	Catalog Number
Aluminum bronze, manufactured by MBH Analytical Ltd (32X ALB2)	56912-1EA
Aluminum-magnesium alloy, manufactured by MBH Analytical Ltd (511X G05H3)	43998-1EA
Aluminum-silicon-copper alloy, manufactured by MBH Analytical Ltd (55X G02D7)	91927-1EA
Battery Alloy with calcium, manufactured by MBH Analytical Ltd (84X BA1)	30978-1EA
Copper (impurities), manufactured by MBH Analytical Ltd (39X 17868)	66955-1EA
Copper-nickel alloy, manufactured by MBH Analytical Ltd (212X 4003)	51870-1EA
Galvanizing Alloy, manufactured by MBH Analytical Ltd (41X GLV4)	96687-1EA
Gunmetal, manufactured by MBH Analytical Ltd (33X GM5)	74808-1EA
Leaded brass, manufactured by MBH Analytical Ltd (31X 7835.3)	51479-1EA
Lead (high alloy), manufactured by MBH Analytical Ltd (85X ANTH)	87610-1EA
Lead (impurities), manufactured by MBH Analytical Ltd (83X PR8)	80901-1EA
Phosphor bronze, manufactured by MBH Analytical Ltd (32X PB11)	97625-1EA
Steel (low alloy), manufactured by MBH Analytical Ltd (12X 15254)	97593-1EA
Tin-base solder (lead free), manufactured by MBH Analytical Ltd (74X AM)	12242-1EA
Tin (impurities), manufactured by MBH Analytical Ltd (71X SR0)	67226-1EA
Zinc-aluminum-copper alloy, manufactured by MBH Analytical Ltd (43X Z2)	49892-1EA
Zinc (impurities), manufactured by MBH Analytical Ltd (41X Z2)	95653-1EA

3: Analytical Applications & Standards

Standards for Special Applications

Proficiency Test Materials

Standards for Special Applications

Proficiency Test Materials

* Name	Catalog Number
Acid Compounds - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1274-2ML
Acidity - Whole Volume - WP, Proficiency Testing Material	PE3269-500ML
Acidity - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1269-20ML
Acidity - WS, Proficiency Testing Material	PE1319-20ML
Adipate/Phthalate - WS, Proficiency Testing Material	PE1596-2ML
Alcohols in Water - WS, Proficiency Testing Material	PE1312-2ML
Alkalinity - WP, Proficiency Testing Material	PE1076-20ML
Amenable Cyanide - Whole Volume - WP, Proficiency Testing Material	PE3147-500ML
Ammonia DE-PT, Proficiency Testing Material	PE1638-20ML
Ammonia in Impinger Solution, Proficiency Testing Material	PEA1901-20ML
Anionic Surfactant - MBAS - WS, Proficiency Testing Material, (Concentrate for dilution to 1L)	PE1337-20ML
Anionic Surfactants (MBAS) - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1144-20ML
Anions DE-PT Water Supply (lower level)	PE1628-20ML
Anions in Soil - PT, Proficiency Testing Material	SPE013-30G
Anions on Filter Paper, Proficiency Testing Material	PEA1911-1EA
Anions - Whole Volume - WP, Proficiency Testing Material	PE3060-500ML
Anions - Whole Volume - WS, Proficiency Testing Material	PE3364-500ML
Anions - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1060-20ML
Anions - WS, Proficiency Testing Material, (Concentrate for dilution to 500 mL)	PE1364-20ML
Antibacterials - IR Identification PT, Proficiency Testing Material	PEP002-4X1G
Antibiotics - IR Identification PT, Proficiency Testing Material	PEP003-4X1G
Base/Neutrals Compounds 2A - WP, Proficiency Testing Material	PE1268-2ML
Base/Neutrals Compounds 2B - WP, Proficiency Testing Material	PE1171-2ML
BNAs in Soil - PT, Proficiency Testing Material	SPE003-40G
Bromate and Bromide - WS, Proficiency Testing Material	PE1361-2ML
Bromate DE-PT, Proficiency Testing Material	PE1627-20ML
Bromide - WP, Proficiency Testing Material	PE1188-20ML
BTEX in Water - AK - PT, Proficiency Testing Material	PE1608-2ML
BTEX/MTBE in Soil - PT, Proficiency Testing Material	SPE025-30G
BTEX/MTBE in Soil - PT, Proficiency Testing Material	SPE025WI-25G
BTEX/MTBE in Soil - PT, Proficiency Testing Material	SPE025AK-25G
Carbamate Pesticides - WS, Proficiency Testing Material	PE1507-2ML
Carbamates in Soil - PT, Proficiency Testing Material	SPE030-50G
Carbamates in Water - WP, Proficiency Testing Material	PE1006-2ML
Cationic Surfactants - WS, Proficiency Testing Material	PE1493-20ML
Ceriodaphnia dubia, 3-Brood Chronic, daily renewal, 20% DMW, Proficiency Testing Material	PEWET022-1EA
Ceriodaphnia dubia, 3-Brood Chronic, daily renewal, MHSF, Proficiency Testing Material	PEWET021-1EA
Ceriodaphnia dubia, 48-hr Acute, renewal, 25°C, 20% DMW, Proficiency Testing Material	PEWET020-1EA

* Name	Catalog Number
Ceriodaphnia dubia, 48-hr Acute, renewal, 25°C, MHSF, Proficiency Testing Material	PEWET019-1EA
Chlorate and Chlorite - WS, Proficiency Testing Material	PE1372-2ML
Chlordane in Soil - PT, Proficiency Testing Material	SPE027-50G
Chlordane (Total) - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1092-2ML
Chlordane (Total) - WS, Proficiency Testing Material	PE1326-2ML
Chlorinated Pesticides in Soil - PT, Proficiency Testing Material	SPE009-50G
Chlorophyll in Water - WS, Proficiency Testing Material	PE1311-2ML
Chromium (VI) in Impinger Solution, Proficiency Testing Material	PEA1918-20ML
Chromium (VI) on Filter Paper, Proficiency Testing Material	PEA1914-1EA
Chromium VI in Seawater - Whole Volume - WP, Proficiency Testing Material	PE3015-500ML
Chromium VI in Soil - PT, Proficiency Testing Material	SPE012-30G
Chromium VI - Whole Volume - WP, Proficiency Testing Material	PE3088-500ML
Chromium VI - Whole Volume - WS, Proficiency Testing Material	PE3453-500ML
Chromium VI - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1088-20ML
Chromium VI - WS, Proficiency Testing Material	PE1453-20ML
Color DE-PT, Proficiency Testing Material	PE1633-20ML
Color - Whole Volume - WP, Proficiency Testing Material	PE3126-100ML
Color - WP, Proficiency Testing Material, Concentrate for dilution to 100 mL	PE1126-20ML
Color - WS, Proficiency Testing Material	PE1401-20ML
Complete Volatiles Kit-WP, Proficiency Testing Material	PE1086-1KT
Complete Volatiles Kit - WP	QC1086-1KT
Complete Volatiles Kit - WS	QC1358-1KT
Complete Volatiles Kit - WS	PE1358-1KT
Complex Nutrients in Seawater - Whole Volume - WP, Proficiency Testing Material	PE3145-500ML
Complex Nutrients - Whole Volume - WP, Proficiency Testing Material	PE3051-500ML
Complex Nutrients - WP, Proficiency Testing Material	PE1051-2ML
Conductivity PT, Proficiency Testing Material	PEP009-3X100ML
Corrosivity - PT, Proficiency Testing Material	SPE023-100G
Corrosivity/Sodium - Whole Volume - WS, Proficiency Testing Material	PE3381-500ML
Cyanide Amenable to Chlorination - WP, Proficiency Testing Material	PE1147-2ML
Cyanide, Total - WS, Proficiency Testing Material	PE1496-2ML
Cyanide - Whole Volume - WP, Proficiency Testing Material	PE3054-500ML
Cyanide - Whole Volume - WS, Proficiency Testing Material	PE3573-500ML
Daphnia magna, 48-hr Acute, nonrenewal, 25°C, MHSF, Proficiency Testing Material	PEWET032-1EA
Daphnia pulex, 48-hr Acute, nonrenewal, 25°C, MHSF, Proficiency Testing Material	PEWET038-1EA
Demand (Low Level) - WS, Proficiency Testing Material	PE1388-20ML
Demand - Whole Volume - WP, Proficiency Testing Material	PE3130-500ML
Demand - WP, Proficiency Testing Material, Concentrate for dilution to 1 L	PE1130-20ML
Diesel in Soil by MA Methods - PT, Proficiency Testing Material	SPE007MA-40G
Diesel in Soil - PT, Proficiency Testing Material	SPE007-100G
Diesel in Water-MA - PT, Proficiency Testing Material	PE1849-2ML
Diesel in Water - PT, Concentrate for dilution to 1L, Proficiency Testing Material	PE1708-2ML

Standards for Special Applications

Proficiency Test Materials

* Name	Catalog Number
1,4-Dioxane in Water - WS, Proficiency Testing Material	PE1519-2ML
Dioxin and Furans in Soil - PT, Proficiency Testing Material	SPE016-10G
Dioxin in Water - WS, Proficiency Testing Material	PE1373-2ML
Dioxins and Furans in Tissue - PT, Proficiency Testing Material	SPE016TIS-10G
Dioxins and Furans in water by 8280 - PT, Proficiency Testing Material	PE1102-2ML
Dioxins/Furans in Sea Water Mussel - PT, Proficiency Testing Material	SPE016MUS-10G
Dioxins/Furans in Shrimp - PT, Proficiency Testing Material	SPE083-10G
Dioxins in Water - WP, Proficiency Testing Material	PE1295-2ML
Diquat/Glyphosate/Paraquat - WS, Proficiency Testing Material	PE1435-2ML
Dissolved Oxygen - WP, Proficiency Testing Material	PE1077-2ML
Dissolved Oxygen - WS, Proficiency Testing Material	PE1549-2ML
EDB/DBCP - WS, Proficiency Testing Material	PE1484-2ML
Endothal -WS, Proficiency Testing Material	PE1587-2ML
Fathead minnow (Pimephales promelas), 7-day Chronic, daily renewal, 20% DMW, Proficiency Testing Material	PEWET016-1EA
Fathead minnow (Pimephales promelas), 7-day Chronic, daily renewal, MHSF, Proficiency Testing Material	PEWET015-1EA
Fathead minnow (Pimephales promelas), 48-hr Acute, nonrenewal, 25°C, 20% DMW, Proficiency Testing Material	PEWET014-1EA
Fathead minnow (Pimephales promelas), 48-hr Acute, nonrenewal, 25°C, MHSF, Proficiency Testing Material	PEWET013-1EA
Ferrous Iron in Water - WP, Proficiency Testing Material	PE1104-20ML
Fixed Solids and Bicarbonate - WP, Proficiency Testing Material	PE1183-30ML PE1183-1.2G
Flash Point - PT, Proficiency Testing Material	SPE029-4X25ML
Fluoride/Chloride in Oil - PT, Proficiency Testing Material	SPE061-100G
Fluoride in Impinger Solution, Proficiency Testing Material	PEA1902-20ML
Fluoride in Water - PT, Proficiency Testing Material	PE3162-500ML
Formaldehyde in Water - PT, Proficiency Testing Material	PE1380-20ML
Free Liquids in Paint - PT, Proficiency Testing Material	SPE075-100ML
Gas Chromatography <621> PT, Proficiency Testing Material	PEP014-2X1G
Gasoline Additives - WS, Proficiency Testing Material	PE1466-2ML
Gasoline in Soil - AK - PT, Proficiency Testing Material	SPE008AK-25G
Gasoline in Soil by WI Method - PT, Proficiency Testing Material	SPE008WI-25G
Gasoline in Soil - PT, Proficiency Testing Material	SPE008-30G
Gasoline in Water - AK - PT, Proficiency Testing Material	PE1817-2ML
Gasoline in Water - PT, Proficiency Testing Material, Concentrate for dilution to 100 mL	PE1798-2ML
Hardness/TSS - Whole Volume - WP, Proficiency Testing Material	PE3074-500ML
Heat of Combustion - PT, Proficiency Testing Material	SPE062-4X25ML
Herbicides II - WS, Proficiency Testing Material	PE1310-2ML
Herbicides in Soil - PT, Proficiency Testing Material	SPE004-50G
Herbicides - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1124-2ML
Herbicides 2A - WP, Proficiency Testing Material	PE1151-2ML
Herbicides 2B - WP, Proficiency Testing Material	PE1139-2ML
Herbicides I - WS, Proficiency Testing Material	PE1486-2ML
HPLC <621> PT, Proficiency Testing Material	PEP015-2X1G
Hydrogen Halides/Halogens in Impinger Solution, Proficiency Testing Material	PEA1905-20ML

* Name	Catalog Number
Inland silverside (Menidia beryllina), 7-day Chronic, daily renewal, SSW, Proficiency Testing Material	PEWET045-1EA
Inland silverside (Menidia beryllina), 48-hr Acute, nonrenewal, 25°C, SSW, Proficiency Testing Material	PEWET044-1EA
Iodate in Water - PT, Proficiency Testing Material	PE1243-20ML
Iodide in Water - WP, Proficiency Testing Material	PE1047-20ML
Ketones on Sorbent, Proficiency Testing Material	PEA1923-1EA
Kjeldahl Nitrogen, Total (TKN) - WS, Proficiency Testing Material	PE1575-2ML
Lead in Impinger Solution, Proficiency Testing Material	PEA1917-250ML
Lead in Plastic - PT, Proficiency Testing Material	SPE1093-10G
Lead in Powdered Paint - PT, Proficiency Testing Material	SPE074-30G
Lead on Filter Paper, Proficiency Testing Material	PEA1913-1EA
Loss on Drying PT, Proficiency Testing Material	PEP011-3X1G
Low Level Pesticides 1 - PT, Proficiency Testing Material	PE1321-2ML
Low Level Pesticides 2 - PT, Proficiency Testing Material	PE1491-2ML
MBAS - Whole Volume - WP, Proficiency Testing Material	PE3144-500ML
MBAS - Whole Volume - WS, Proficiency Testing Material	PE3337-500ML
Melting Range PT, Proficiency Testing Material	PEP012-3X1G
Mercury in Impinger Solution, Proficiency Testing Material	PEA1916-20ML
Mercury(Low Level) - Whole Volume - WS, Proficiency Testing Material	PE3432-500ML
Mercury (Low Level) - WP, Proficiency Testing Material	PE1205-20ML
Mercury (Low Level) - WS, Proficiency Testing Material	PE1432-20ML
Mercury on Filter Paper, Proficiency Testing Material	PEA1912-1EA
Mercury - Whole Volume - WP	PE3129-500ML
Mercury - WP, Proficiency Testing Material	PE1129-20ML
Metals in Impinger Solution, Proficiency Testing Material	PEA1915-250ML
Metals in Oil - PT, Proficiency Testing Material	SPE060-25G
Metals in Sewage Sludge - PT, Proficiency Testing Material	SPE001S-30G SPE001S-50G
Metals in Soil - PT, Proficiency Testing Material	SPE001-30G
Metals on Filter Paper, Proficiency Testing Material	PEA1910-1EA
Methanol in Water - PT, Proficiency Testing Material	PE1543-2ML
Microbial Enumeration Test PT, Proficiency Testing Material	PEP013-3X1EA
Minerals DE-PT, Proficiency Testing Material	PE1634-20ML
Minerals in Seawater - Whole Volume - WP, Proficiency Testing Material	PE3136-500ML
Minerals - Whole Volume - WP, Proficiency Testing Material	PE3041-500ML
Mysid (Mysidopsis bahia, Americamysis bahia), 7-day Chronic, daily renewal, SSW, Proficiency Testing Material	PEWET043-1EA
Mysid (Mysidopsis bahia, Americamysis bahia), 48-hr Acute, nonrenewal, 25°C, SSW, Proficiency Testing Material	PEWET042-1EA
Nitrite - WP, Proficiency Testing Material, Concentrate for dilution to 1 L	PE1153-2ML
Nitrogen Dioxide in Impinger Solution, Proficiency Testing Material	PEA1904-20ML
Nitrogen Pesticides - WP, Proficiency Testing Material	PE1011-2ML
Nitrosamines/Nitroaromatics - PT, Proficiency Testing Material	SPE022-30G
Nitrosamines/Nitroaromatics - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1040-2ML
NJDEP EPH in Soil - PT, Proficiency Testing Material	SPE026NJ-100G
Non Ionic Surfactants in water - PT, Proficiency Testing Material	PE1197-20ML
Nutrients in Soil - PT, Proficiency Testing Material	SPE014-100G
Odor - Drinking Water PT, Proficiency Testing Material	PE1133-500ML

3: Analytical Applications & Standards

Standards for Special Applications

Proficiency Test Materials

* Name	Catalog Number
Oil and Grease in Seawater - Whole Volume - WP, Proficiency Testing Material	PE3131-250ML
Oil and Grease in Soil - PT, Proficiency Testing Material	SPE037-100G
Oil and Grease - Whole Volume - WP, Proficiency Testing Material	PE3083-250ML
Oil and Grease - WP, Proficiency Testing Material, Concentrate for dilution to 1 L	PE1083-2ML
Oil and Grease - WS, Proficiency Testing Material	PE1404-2ML
Organic Disinfection By-Products - WS, Proficiency Testing Material	PE1425-2ML
Organic Lead in Soil (Sample 1) - PT, Proficiency Testing Material	SPE001PB1-1.5ML
Organic Lead in Soil (Sample 2) - PT, Proficiency Testing Material	SPE001PB2-1.5ML
Organochlorine Pesticides Ampule 1 - WS, Proficiency Testing Material	PE1595-2ML
Organochlorine Pesticides Ampule 2 - WS, Proficiency Testing Material	PE1550-2ML
Organonitrogen Pesticides - WS, Proficiency Testing Material	PE1400-2ML
Organophosphorus Pesticides (Low Level) - PT, Proficiency Testing Material	PE1377-2ML
Organophosphorus Pesticides - PT, Proficiency Testing Material	SPE021-50G
Organophosphorus Pesticides - WI - WP, Proficiency Testing Material	PE1118-2ML
Organophosphorus Pesticides - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1161-2ML
Organo-Tin in Soil - PT, Proficiency Testing Material	SPE073-30G
Organotins in Water - WP, Proficiency Testing Material	PE1566-2ML
Oxidation DE-PT, Proficiency Testing Material	PE1635-30ML
Oxidation - Reduction - WP, Proficiency Testing Material	PE1263-30ML
Oxidizer Screen - PT, Proficiency Testing Material	SPE067-100G
Oxygenates - WP, Proficiency Testing Material	PE1265-2ML
PAHs in Soil, Proficiency Testing Material	SPE017-40G
PAHs (Low Level) - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1223-2ML
PAHs on PUF, Proficiency Testing Material	PEA1926-1EA
PAHs - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1173-2ML
Particulate Matter in Impinger Solution, Proficiency Testing Material	PEA1906-250ML
Particulate Matter on Filter Paper, Proficiency Testing Material	PEA1907-1EA
PBDE/PCBs in Sediment - PT, Proficiency Testing Material	SPE072-50G
PBDE's in water - PT, Proficiency Testing Material	PE1398-2ML
PCB Congeners in Fish Tissue - PT, Proficiency Testing Material	SPE068TIS-30G
PCB Congeners in Sea Water Mussel - PT, Proficiency Testing Material	SPE068MUS-30G
PCB Congeners in Shrimp - PT, Proficiency Testing Material	SPE087-30G
PCB Congeners in Soil - PT, Proficiency Testing Material	SPE068-50G
PCB Congeners in Water - WP, Proficiency Testing Material	PE1116-2ML
PCBs in Soil - PT, Proficiency Testing Material	SPE010-30G
PCBs in Transformer Oil - WP, Proficiency Testing Material, 1g Sample	PE1275-2ML
PCBs in Water - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1033-2ML
PCBs on PUF, Proficiency Testing Material	PEA1922-1EA
PCB's - WS, Proficiency Testing Material	PE1579-2ML

* Name	Catalog Number
Perchlorate - WP, Proficiency Testing Material	PE1178-2ML
Perchlorate - WS, Proficiency Testing Material	PE1351-2ML
Pesticides Kit - Waste Water PT, Proficiency Testing Material, Includes: Pesticides 1 & Pesticide 2	PE1002-1KT
Pesticides on PUF, Proficiency Testing Material	PEA1924-1EA
Pesticides 1 - WP, Proficiency Testing Material, 1 mL for dilution up to 1L	PE1280-2ML
Pesticides 2 - WP, Proficiency Testing Material, 1 mL for dilution to 1L	PE1201-2ML
pH <791> PT, Proficiency Testing Material	PEP010-3X100ML
pH DE-PT, Proficiency Testing Material	PE1639-20ML
Phenolics in Soil (TOX) - PT, Proficiency Testing Material	SPE038-100G
Phenolics, Total - WS, Proficiency Testing Material	PE1329-2ML
Phenols - PT, Proficiency Testing Material	SPE018-40G
Phenol - Whole Volume - WP, Proficiency Testing Material	PE3134-500ML
pH in Water- WP, Proficiency Testing Material, Ready to use standard	PE1210-20ML PE1210-100ML PE1210-250ML
Phthalates - PT, Proficiency Testing Material	PE1412-2ML
pH - WS, Proficiency Testing Material	PE1368-20ML PE1368-100ML PE1368-250ML
PNAs - WS, Proficiency Testing Material	PE1301-2ML
Pyrethroids in Ground Water - WS, Proficiency Testing Material	PE1317-2ML
Pyrethroids in Waste Water - WP, Proficiency Testing Material	PE1122-2ML
Reactivity - PT, Proficiency Testing Material	SPE024-30G
Residual Free Chlorine (RFC) - WS, Proficiency Testing Material	PE1450-2ML
Residual Solvents Class IIA PT, Proficiency Testing Material	PEP019-1G
Residual Solvents Class IIB PT, Proficiency Testing Material	PEP020-1G
Residual Solvents Class 1 PT, Proficiency Testing Material	PEP018-1G
Residue on Ignition PT, Proficiency Testing Material	PEP006-3X1G
Residue/pH - Whole Volume - WP, Proficiency Testing Material	PE3119-500ML
Residue - WP, Proficiency Testing Material, 500 mL ready to use standard	PE3050-500ML
Residue - WP, Proficiency Testing Material	PE1050-1.5G
Residue - WS, Proficiency Testing Material	PE1490-500ML
RRO in Soil - PT, Proficiency Testing Material	SPE026AK-100G
Salinity - WP, Proficiency Testing Material	PE1090-500ML PE1090-1.2G
Semivolatiles on PUF, Proficiency Testing Material	PEA1921-1EA
Settleable Solids/Volatile Residue - Whole Volume - WP, Proficiency Testing Material	PE3192-1L
Sheepshead minnow (Cyprinodon variegatus), 7-day Chronic, daily renewal, SSW, Proficiency Testing Material	PEWET047-1EA
Sheepshead minnow (Cyprinodon variegatus), 48-hr Acute, nonrenewal, 25°C, SSW, Proficiency Testing Material	PEWET046-1EA
Silica DE-PT, Proficiency Testing Material	PE1625-20ML
Silica in Seawater - Whole Volume - WP, Proficiency Testing Material	PE3111-500ML
Silica - Whole Volume - WP, Proficiency Testing Material	PE3078-500ML
Silica - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1078-20ML
Silica - WS, Proficiency Testing Material	PE1350-20ML

Standards for Special Applications

Proficiency Test Materials

* Name	Catalog Number
Simple Nutrients in Seawater - Whole Volume - WP, Proficiency Testing Material	PE3179-500ML
Simple Nutrients - Whole Volume - WP, Proficiency Testing Material	PE3198-500ML
Simple Nutrients - WP, Proficiency Testing Material, Concentrate for dilution to 1 L	PE1195-20ML
Solids in Soil - PT, Proficiency Testing Material	SPE082-100G
Solvent Screen - PT, Proficiency Testing Material	SPE070-20ML
Solvents in Water - PT, Proficiency Testing Material	PE1461-2ML
Speciation-arsenic and selenium - Proficiency Testing (PT)	PE1075-20ML
Specific Gravity - PT, Proficiency Testing Material	SPE066-100ML
Sterility PT, Proficiency Testing Material	PEP016-3X1EA
Sugars - IR Identification PT, Proficiency Testing Material	PEP004-4X1G
Sulfide in Seawater - Whole Volume - WP, Proficiency Testing Material	PE3276-500ML
Sulfide in Soil - PT, Proficiency Testing Material	SPE102-30G
Sulfide (Total and Soluble) - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1034-20ML
Sulfide - Whole Volume - WP, Proficiency Testing Material	PE3034-500ML
Sulfite in Water - WS, Proficiency Testing Material	PE1541-20ML
Sulfur Dioxide in Impinger Solution, Proficiency Testing Material	PEA1900-20ML
Sulfuric Acid in Impinger Solution, Proficiency Testing Material	PEA1903-20ML
Sulfur in Water - WP, Proficiency Testing Material	PE1285-20ML
Surfactants - Cationic - WP, Proficiency Testing Material	PE1097-20ML
Tannin and Lignin - Whole Volume - WP, Proficiency Testing Material	PE3073-500ML
Tannin and Lignin - WP, Proficiency Testing Material	PE1073-20ML
Taste - Drinking Water PT, Proficiency Testing Material	PE1135-500ML
TCLP Metals CA-WET in Soil - PT, Proficiency Testing Material	SPE006-225G
TCLP Metals in Soil - PT, Proficiency Testing Material	SPE005-225G
TCLP Semi-VOAs - PT, Proficiency Testing Material	SPE015-225G
TCLP - VOA - PT, Proficiency Testing Material	SPE076-2ML
Thiocyanate in Water - WP, Proficiency Testing Material	PE1149-2ML
Thiocyanate in Water - WS, Proficiency Testing Material	PE1392-2ML
Titanium and Tin - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1154-20ML
TOC - Whole Volume- WS, Proficiency Testing Material	PE3308-500ML
Total Cyanide DE-PT, Proficiency Testing Material	PE1629-20ML
Total Cyanide - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1054-2ML
Total Cyanide - WS, Proficiency Testing Material	PE1573-2ML
Total Organic Carbon DE-PT, Proficiency Testing Material	PE1636-20ML
Total Organic Carbon (TOC) PT, Proficiency Testing Material	PEP008-3X40ML
Total Organic Carbon (TOC) - WS, Proficiency Testing Material	PE1308-20ML
Total Organic Halides in Seawater - Whole Volume - WP, Proficiency Testing Material	PE3137-500ML
Total Organic Halides (TOX) - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1070-2ML
Total Phenolics - WP, Proficiency Testing Material, (Concentrate for dilution to 1L)	PE1134-2ML
Total Residual Chlorine (Low Level) - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1152-2ML
Total Residual Chlorine - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1065-2ML

* Name	Catalog Number
Toxaphene in Soil - PT, Proficiency Testing Material	SPE028-50G
Toxaphene (Total) - WS, Proficiency Testing Material	PE1544-2ML
Toxaphene - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1094-2ML
TPH in Soil - High - PT, Proficiency Testing Material	SPE026TXH-30G
TPH in Soil - Low - PT, Proficiency Testing Material	SPE026TXL-30G
TPH in Soil - PT, Proficiency Testing Material	SPE026-100G
TPH in Water (high level), Proficiency Testing Material	PE1619-2ML
TPH in Water (low level), Proficiency Testing Material	PE1799-2ML
Trace metals DE-PT, Proficiency Testing Material	PE1624-20ML
Trace Metals 2 DE-PT, Proficiency Testing Material	PE1632-20ML
Trace Metals (Dissolved) PT - 1, Proficiency Testing Material	PE1038-20ML
Trace Metals (Dissolved) PT - 2, Proficiency Testing Material	PE1005-20ML
Trace Metals 1 in Seawater - Whole Volume - WP, Proficiency Testing Material	PE3163-500ML
Trace Metals 2 in Seawater - Whole Volume - WP, Proficiency Testing Material	PE3189-500ML
Trace Metals 1 - Whole Volume - WP, Proficiency Testing Material	PE3132-500ML
Trace Metals 2 - Whole Volume - WP, Proficiency Testing Material	PE3053-500ML
Trace Metals 1 - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1132-20ML
Trace Metals 2 - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1052-20ML
Trace Metals 1 - WS, Proficiency Testing Material	PE1488-20ML
Trace Metals 2 - WS, Proficiency Testing Material	PE1458-20ML
Trace Metals 3 - WS, Proficiency Testing Material	PE1448-20ML
Trace Metals - WS (Whole Volume) Sample 1, Proficiency Testing Material	PE3488-500ML
Trace Metals - WS (Whole Volume) Sample 2, Proficiency Testing Material	PE3458-500ML
Triazine Pesticides - WP, Proficiency Testing Material	PE1212-2ML
Trichlorobenzenes in Water - WP, Proficiency Testing Material	PE1322-2ML
Trihalomethanes - WS, Proficiency Testing Material	PE1456-2ML
TRPH IR Screen Soil - PT, Proficiency Testing Material	SPE019-100G
TSS in Seawater - WP, Proficiency Testing Material	PE1208-500ML
TSS/pH (whole volume) in Seawater - WS, Proficiency Testing Material	PE1031-500ML
Tungsten in water - WP, Proficiency Testing Material	PE1267-20ML
Turbidity DE-PT, Proficiency Testing Material	PE1630-20ML
Turbidity - Whole Volume - WP, Proficiency Testing Material	PE3081-500ML
Turbidity - Whole Volume - WS, Proficiency Testing Material	PE3342-500ML
Turbidity - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1081-20ML
Turbidity - WS, Proficiency Testing Material	PE1342-2ML
Uranium DE-PT, Proficiency Testing Material	PE1626-20ML
Uranium in Soil - PT, Proficiency Testing Material	SPE071-30G
Uranium - WP, Proficiency Testing Material	PE1209-20ML
Uranium - WS, Proficiency Testing Material	PE1548-20ML
UV254 - Whole Volume - WS, Proficiency Testing Material	PE3506-500ML
UV 254 - WS, Proficiency Testing Material	PE1506-20ML
UV Spectroscopy PT, Proficiency Testing Material	PEP017-1G
Vitamins - IR Identification PT, Proficiency Testing Material	PEP005-4X1G
VOAS in Soil - Low Level - PT, Proficiency Testing Material	SPE002L-30G

3: Analytical Applications & Standards

Standards for Special Applications

Proficiency Test Materials

* Name	Catalog Number
VOAs in Soil - Medium Level - PT, Proficiency Testing Material	SPE002H-25G
Volatile Organic Compounds 1 - WP, Proficiency Testing Material, Concentrate for dilution to 100 mL	PE1250-2ML
Volatile Residue/Fixed Solids - WP, Proficiency Testing Material	PE1282-1.2G
Volatile Residue - WP, Proficiency Testing Material, Concentrate for dilution to 1L	PE1091-1.2G
Volatiles on Sorbent, Proficiency Testing Material	PEA1931-1EA
Volatile 1 - WP	QC1042-1.2ML
Volatile 1-WP	PE1042-1.2ML
Volatile 1 -WS	PE1313-1.2ML
Volatile 1 - WS	QC1313-1.2ML
Water Determination <921>, Proficiency Testing Material	PEP007-3X1G

Sigma Pseudo Scents

* Name	Catalog Number
Sigma Pseudo™ Corpse Scent , Formulation I	P4304-4X1ML P4304-8X1ML P4304-20ML
Sigma Pseudo™ Corpse Scent , Formulation II	P3929-4X1ML P3929-8X1ML P3929-20ML
Sigma Pseudo™ Corpse Scent , Corpse Scent Kit	PSCI-1KT
Sigma Pseudo™ Corpse Scent , drowned victim scent	P7184-15CAP P7184-50CAP
Sigma Pseudo™ Narcotic Scent Cocaine formulation, powder	P2423-100G P2423-1KG
Sigma Pseudo™ Narcotic Scent Heroin formulation, powder	P2548-100G P2548-1KG
Sigma Pseudo™ Narcotic Scent LSD formulation, powder	P1334-100G
Sigma Pseudo™ Narcotic Scent Marijuana formulation	P7309-100G P7309-1KG

Third-party Chromatography

* Name	Catalog Number
Adapter, M6 to 10-32, PEEK, PEEK, pkg of 1 ea	842196
Adapter, 1/4-28 to 10-32, PEEK, PEEK, pkg of 1 ea	842197
alphaBond™ HPLC Column, L × I.D. 15 cm × 3.9 mm	57488
alphaBond™ HPLC Column, 10 µm particle size, L × I.D. 1 cm × 4.6 mm	57490-U
Antibodix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 10 µm particle size	Z777268
Antibodix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 25 cm × 2.1 mm, 10 µm particle size	Z777269
Antibodix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 10 µm particle size	Z777271
Antibodix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 25 cm × 4.6 mm, 10 µm particle size	Z777272
Antibodix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 10 µm particle size, PEEK	Z777273
Antibodix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 25 cm × 2.1 mm, 10 µm particle size, PEEK	Z777274
Antibodix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 10 µm particle size, PEEK	Z777275
Antibodix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 25 cm × 4.6 mm, 10 µm particle size, PEEK	Z777276
Antibodix® WCX-NP10 Weak Cation Exchange Guard Column and Holder, L × I.D. 1 cm × 2 mm, 10 µm particle size	Z777267
Antibodix® WCX-NP10 Weak Cation Exchange Guard Column and Holder, L × I.D. 1 cm × 4 mm, 10 µm particle size	Z777270
Antibodix® WCX-NP1.7 Weak Cation Exchange Column, L × I.D. 3 cm × 2.1 mm, 1.7 µm particle size	Z777278
Antibodix® WCX-NP1.7 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 1.7 µm particle size	Z777280
Antibodix® WCX-NP1.7 Weak Cation Exchange Guard Cartridge and Holder, and Holder, L × I.D. 1 cm × 2 mm, 1.7 µm particle size	Z777277
Antibodix® WCX-NP1.7 Weak Cation Exchange Guard Cartridge and Holder, and Holder, L × I.D. 1 cm × 4 mm, 1.7 µm particle size	Z777279
Antibodix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 3 cm × 2.1 mm, 3 µm particle size	Z777282
Antibodix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 3 µm particle size	Z777283
Antibodix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 3 µm particle size	Z777285
Antibodix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	Z777286
Antibodix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 3 µm particle size, PEEK	Z777287
Antibodix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, PEEK	Z777288
Antibodix® WCX-NP3 Weak Cation Exchange Guard Cartridge and Holder, and Holder, L × I.D. 1 cm × 2 mm, 3 µm particle size	Z777281
Antibodix® WCX-NP3 Weak Cation Exchange Guard Cartridge and Holder, and Holder, L × I.D. 1 cm × 4 mm, 3 µm particle size	Z777284
Antibodix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 5 µm particle size	Z777290
Antibodix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 5 µm particle size	Z777292
Antibodix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 15 cm × 4.6 mm, 5 µm particle size	Z777293
Antibodix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	Z777294
Antibodix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 5 µm particle size, PEEK	Z777295

* Name	Catalog Number
Antibodix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777296
Antibodix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 25 cm × 4.6 mm, 5 µm particle size, PEEK	Z777297
Antibodix® WCX-NP5 Weak Cation Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 2 mm, 5 µm particle size	Z777289
Antibodix® WCX-NP5 Weak Cation Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 4 mm, 5 µm particle size	Z777291
apHera™ C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2 mm	56100AST
apHera™ C18 HPLC Column, 5 µm particle size, L × I.D. 5 cm × 4.6 mm	56101AST
apHera™ C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	56102AST
apHera™ C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	56103AST
apHera™ C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 6 mm	56105AST
apHera™ C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 6 mm	56106AST
apHera™ C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	56108AST
apHera™ C18 HPLC Column, 9 µm particle size, L × I.D. 30 cm × 20 mm	56112AST
apHera™ C18 HPLC Column, 13 µm particle size, L × I.D. 30 cm × 28 mm	56116AST
apHera™ C18 HPLC Guard Column, 5 µm particle size, L × I.D. 1 cm × 2 mm	56129AST
apHera™ C18 HPLC Guard Column, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	56130AST
apHera™ C18 HPLC Guard Column, 5 µm particle size, L × I.D. 1 cm × 6 mm	56131AST
apHera™ C18 HPLC Guard Column, 13 µm particle size, L × I.D. 5 cm × 7.5 mm	56133AST
apHera™ C18 HPLC Guard Column, 13 µm particle size, L × I.D. 10 cm × 20 mm	56135AST
apHera™ C4 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	56302AST
apHera™ C4 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	56303AST
apHera™ C4 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	56308AST
apHera™ C4 HPLC Guard Column, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	56330AST
apHera™ C4 HPLC Guard Column, 5 µm particle size, L × I.D. 5 cm × 7.5 mm	56332AST
apHera™ C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	56202AST
apHera™ C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	56203AST
apHera™ C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	56208AST
apHera™ C8 HPLC Guard Column, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	56230AST
apHera™ C8 HPLC Guard Column, 5 µm particle size, L × I.D. 5 cm × 7.5 mm	56232AST
apHera™ NH ₂ HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2 mm	56400AST
apHera™ NH ₂ HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	56401AST
apHera™ NH ₂ HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	56403AST
apHera™ NH ₂ HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	56408AST
apHera™ NH ₂ HPLC Column, 9 µm particle size, L × I.D. 30 cm × 20 mm	56412AST
apHera™ NH ₂ HPLC Column, 13 µm particle size, L × I.D. 30 cm × 28 mm	56416AST

* Name	Catalog Number
ChromegaChiral™ Chiral CCO, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5537
ChromegaChiral™ Chiral CCO, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 25 cm × 20 mm	ES5538
ChromegaChiral™ Chiral CCO, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 25 cm × 30 mm	ES5539
ChromegaChiral™ Chiral CCS, 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 2.1 mm	ES5606
ChromegaChiral™ Chiral CCS, 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 3.0 mm	ES5607
ChromegaChiral™ Chiral CCS, 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	ES5608
ChromegaChiral™ Chiral CCS, 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5609
ChromegaChiral™ Chiral CCS, 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5610
ChromegaChiral™ Chiral CCS, 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	ES5611
ChromegaChiral™ Chiral CCS, 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5612
ChromegaChiral™ Chiral CCS, 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5613
ChromegaChiral™ Chiral CCS, 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5614
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	ES5615
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 10 cm × 3.0 mm	ES5616
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	ES5617
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5618
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5619
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	ES5620
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 20 mm	ES5621
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5622
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5623
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5624
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	ES5625
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 20 mm	ES5626
ChromegaChiral™ Chiral CCS, 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 30 mm	ES5627
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 10 cm × 2.1 mm	ES5628
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 10 cm × 3.0 mm	ES5629
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 10 cm × 4.6 mm	ES5630
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5631
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5632
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 15 cm × 4.6 mm	ES5633
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5634
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5635
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5636
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 25 cm × 20 mm	ES5637

* Name	Catalog Number
ChromegaChiral™ Chiral CCS, 10 Micron HPLC Column, 10 µm particle size, L × I.D. 25 cm × 30 mm	ES5638
C 10/10 Column	GE19-5001-01
Column Coupler, thread 10-32, pkg of 1 ea, stainless steel tubing (0.03" ID)	842195
Connector For 1/16 Inch Tubing With Screw Tap , GE Healthcare, 29-0183-82	GE29-0183-82
Coupler for Legacy Guard Column Holder, PEEK, I.D. × O.D. × Overall L 0.010 in. × 1/16 in. × 1 in.	54986
Endfitting w/ Fixed 10 µm Frit for 21.5 mm ID TSKgel® Columns, stainless steel frit, pkg of 1 ea	806191
Endfitting w/ Fixed 5 µm Frit for 4.6 mm BioAssist® PEEK Columns, PEEK, pkg of 1 ea	819834
Endfitting w/ Fixed 5 µm Frit for 7.8 mm BioAssist® PEEK Columns, PEEK, pkg of 1 ea	819838
Endfitting w/ Fixed 2 µm Frit for 2 mm ID SS TSKgel® Columns, stainless steel frit, pkg of 1 ea	818545
Endfitting w/ Fixed 2 µm Frit for TSKgel® ODS-80Ts QA Column, stainless steel frit, pkg of 1 ea	818544
Endfitting w/ Fixed 1 µm Frit for TSKgel® SuperH Columns, stainless steel frit, pkg of 1 ea	818254
Endfitting w/ Fixed 10 µm Pyrex® Frit for 20 mm ID Glass TSKgel® Columns, Pyrex frit, pkg of 1 ea	816105
Endfitting w/ Fixed 10 µm Pyrex® Frit for 5 mm ID Glass TSKgel® Columns, Pyrex frit, pkg of 1 ea	816104
Endfitting w/ Fixed 10 µm Pyrex® Frit for 8 mm ID Glass TSKgel® Columns, Pyrex frit, pkg of 1 ea	808600
Endfitting with fixed 1 µm frit , stainless steel, pore size 1 µm, pkg of 1 ea	813998
Endfitting with fixed 10 µm frit for all 7.5 mm I.D. TSKgel® stainless steel columns, stainless steel, pkg of 1 ea	805748
Endfitting with fixed 2 µm frit for all 7.8 mm I.D. stainless steel TSKgel® Columns, stainless steel, pkg of 1 ea	808095
Endfitting with fixed 2 µm frit for all 6 mm I.D. stainless steel TSKgel® Columns, stainless steel frit, pkg of 1 ea	808092
Endfitting with fixed 1 µm frit for TSKgel® Super Series RP and SuperH2 Columns, stainless steel frit, pore size 1 µm, pkg of 1 ea	818255
Exsil™ HPLC Column, phase C18 (octadecyl), 5 µm particle size, L × I.D. 25 cm × 4.6 mm	50101-U
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	ES5072
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 3.0 mm	ES5073
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	ES5074
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 2.1 mm	ES5075
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 3.0 mm	ES5076
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	ES5077
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5078
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5079
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	ES5080
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5081
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5082
GreenSep™ 4-Ethyl Pyridine SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5083
GreenSep™ 4-Ethyl Pyridine SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5084
GreenSep™ 4-Ethyl Pyridine SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5085

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
GreenSep™ Nitro SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 30 mm	ES5312
GreenSep™ Nitro SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5313
GreenSep™ Nitro SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5314
GreenSep™ Nitro SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5315
GreenSep™ Nitro SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	ES5316
GreenSep™ Nitro SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 20 mm	ES5317
GreenSep™ Nitro SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 30 mm	ES5318
GreenSep™ PFP SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 5 cm × 2.1 mm	ES5054
GreenSep™ PFP SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 5 cm × 3.0 mm	ES5055
GreenSep™ PFP SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 10 cm × 2.1 mm	ES5056
GreenSep™ PFP SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 10 cm × 3.0 mm	ES5057
GreenSep™ PFP SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5058
GreenSep™ PFP SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5059
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	ES5319
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 3.0 mm	ES5320
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	ES5321
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 2.1 mm	ES5322
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 3.0 mm	ES5323
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	ES5324
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5325
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5326
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	ES5327
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5328
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5329
GreenSep™ PFP SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5330
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5331
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5332
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	ES5333
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 20 mm	ES5334
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 30 mm	ES5335
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5336
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5337
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5338
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	ES5339
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 20 mm	ES5340

* Name	Catalog Number
GreenSep™ PFP SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 30 mm	ES5341
GreenSep™ Pyridyl Amide SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 5 cm × 2.1 mm	ES5042
GreenSep™ Pyridyl Amide SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 5 cm × 3.0 mm	ES5043
GreenSep™ Pyridyl Amide SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 10 cm × 2.1 mm	ES5044
GreenSep™ Pyridyl Amide SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 10 cm × 3.0 mm	ES5045
GreenSep™ Pyridyl Amide SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5046
GreenSep™ Pyridyl Amide SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5047
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	ES5342
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 3.0 mm	ES5343
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	ES5344
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 2.1 mm	ES5345
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 3.0 mm	ES5346
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	ES5347
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5348
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5349
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	ES5350
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5351
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5352
GreenSep™ Pyridyl Amide SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5353
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5354
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5355
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	ES5356
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 20 mm	ES5357
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 30 mm	ES5358
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5359
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5360
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5361
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	ES5362
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 20 mm	ES5363
GreenSep™ Pyridyl Amide SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 30 mm	ES5364
GreenSep™ SFC Couplers, L × I.D. × O.D. 5 cm × 0.005 in. × 1/16 in., Red Band, for use with 3.0-15mm Column/Guard	ES5392
GreenSep™ SFC Couplers, L × I.D. × O.D. 5 cm × 0.007 in. × 1/16 in., black band, for use with ES Industries 20mm SFC Column/Guard	ES5393
GreenSep™ SFC Couplers, L × I.D. × O.D. 5 cm × 0.010 in. × 1/16 in., Blue band, for use with ES Industries 30mm SFC Column/Guard	ES5394
GreenSep™ SFC Guard Columns and Couplers, for use with ES Industries 10mm SFC Column	ES5388

* Name	Catalog Number	* Name	Catalog Number
GreenSep™ SFC Guard Columns and Couplers, for use with ES Industries 20mm SFC Columns	ES5389	Hamilton® HPLC anion exchange column, PRP-X100, 10 µm, I.D. × L 4.1 mm × 250 mm	HAM79433-1EA
GreenSep™ SFC Guard Columns and Couplers, for use with ES Industries 30mm SFC Columns	ES5390	Hamilton® HPLC reverse phase bulk packing resin, PRP-1, 12-20 µm	HAM79581-1EA
GreenSep™ SFC Guard Columns and Couplers, for use with ES Industries 50mm SFC Columns	ES5391	Hamilton Hydrogen Form HPLC Guard Cartridge, Kit, 12 µm particle size, L × I.D. 2 mm × 4.6 mm, stainless steel hardware	82037-U
GreenSep™ Silica SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 5 cm × 2.1 mm	ES5066	Hamilton Hydrogen Form HPLC Guard Cartridge, 12 - 20 µm particle size, L × I.D. 20 mm × 4.6 mm, stainless steel	82044-U
GreenSep™ Silica SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 5 cm × 3.0 mm	ES5067	Hamilton PRP-1 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.1 mm, stainless steel hardware	82013-U
GreenSep™ Silica SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 10 cm × 2.1 mm	ES5068	Hamilton PRP-1 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.1 mm, stainless steel hardware	82021-U
GreenSep™ Silica SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 10 cm × 3.0 mm	ES5069	Hamilton PRP-1 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm, PEEK hardware	82030-U
GreenSep™ Silica SFC 1.8 Micron HPLC Column	ES5070	Hamilton PRP-1 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm, PEEK hardware	82025-U
GreenSep™ Silica SFC 1.8 Micron HPLC Column, 1.8 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5071	Hamilton PRP-1 HPLC Column, 7 µm particle size, L × I.D. 25 cm × 4.1 mm, stainless steel hardware	82016-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 2.1 mm	ES5365	Hamilton PRP-1 HPLC Column, 7 µm particle size, L × I.D. 25 cm × 4.6 mm, PEEK hardware	82024-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 3.0 mm	ES5366	Hamilton PRP-1 HPLC Column, 10 µm particle size, L × I.D. 15 cm × 4.1 mm, stainless steel hardware	82018-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 5 cm × 4.6 mm	ES5367	Hamilton PRP-1 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.1 mm, stainless steel hardware	82012-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 2.1 mm	ES5368	Hamilton PRP-C18 Analytical Guard Cartridge, 5 µm particle size, L × I.D. 20 mm × 2.0 mesh, stainless steel, pkg of × 5 ea	50683-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 3.0 mm	ES5369	Hamilton PRP-C18 Analytical Guard Cartridge, 5 µm particle size, L × I.D. 20 mm × 2 mm, PEEK, pkg of 5 ea	50685-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	ES5370	Hamilton PRP-C18 Analytical Guard Column Starter Kit, 5 µm particle size, L × I.D. 20 mm × 2 mm, stainless steel, kit of	50682-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5371	Hamilton PRP-C18 Analytical Guard Column Starter Kit, 5 µm particle size, L × I.D. 20 mm × 2 mm, PEEK, kit of	50684-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5372	Hamilton PRP-C18 Bulk Resin, 5 µm particle size, pkg of 1 g	50698-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	ES5373	Hamilton PRP-C18 Bulk Resin, 10 µm particle size, pkg of 1 g	50699-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5374	Hamilton PRP-C18 Bulk Resin, 12-20 µm particle size, pkg of 1 g	50701-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5375	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 50 mm × 2.1 mm, stainless steel	50658-U
GreenSep™ Silica SFC 3 Micron HPLC Column, 3 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5376	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 50 mm × 2.1 mm, PEEK	50662-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 2.1 mm	ES5377	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 150 mm × 2.1 mm, stainless steel	50666-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3.0 mm	ES5378	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 150 mm × 2.1 mm, PEEK	50667-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	ES5379	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 250 mm × 2.1 mm, stainless steel	50669-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 20 mm	ES5380	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 250 mm × 2.1 mm, PEEK	50672-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 15 cm × 30 mm	ES5381	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 50 mm × 4.6 mm, stainless steel	50673-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 2.1 mm	ES5382	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 50 mm × 4.6 mm, PEEK	50674-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.0 mm	ES5383	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 150 mm × 4.6 mm, stainless steel	50676-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	ES5384	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 150 mm × 4.6 mm, PEEK	50677-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 10 mm	ES5385	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 250 mm × 4.6 mm, stainless steel	50678-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 20 mm	ES5386	Hamilton PRP-C18 HPLC Column, 5 µm particle size, L × I.D. 250 mm × 4.6 mm, PEEK	50679-U
GreenSep™ Silica SFC 5 Micron HPLC Column, 5 µm particle size, L × I.D. 25 cm × 30 mm	ES5387	Hamilton PRP-C18 HPLC Column, 12-20 µm particle size, L × I.D. 250 mm × 21.2 mm, stainless steel	50681-U
Guard Column Holder for CHIRALPAK® AGP, HSA, and CBH, for use with CHIRALPAK AGP, CBH, and HSA 1 cm × 2.0, 3.0, and 4.0 mm guard cartridges	58159AST		
Hamilton HC-75 HPLC Column, 9 µm particle size, L × I.D. 25 cm × 4.1 mm, stainless steel hardware	82031-U		
Hamilton HC-75 HPLC Column, 9 µm particle size, L × I.D. 30 cm × 7.8 mm, stainless steel hardware	82022-U		

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
Hamilton PRP-C18 Preparative Guard Cartridge, 12-20 µm particle size, L × I.D. 20 mm × 4.6 mm, stainless steel, pkg of 2 ea	50695-U
Hamilton PRP-1 HPLC Guard Cartridge, Kit, 10 µm particle size, L × I.D. 2 mm × 2.1 mm, stainless steel hardware	82033-U
Hamilton PRP-1 HPLC Guard Cartridge, Kit, 10 µm particle size, L × I.D. 8 mm × 3 mm, PEEK hardware	82038-U
Hamilton PRP-1 HPLC Guard Cartridge, 10 µm particle size, L × I.D. 2 mm × 2.1 mm, stainless steel	82040-U
Hamilton PRP-1 HPLC Guard Cartridge, 10 µm particle size, L × I.D. 8 mm × 3 mm, PEEK	82045-U
Hamilton PRP-C-18 Preparative Guard Column Starter Kit, 12-20 µm particle size, L × I.D. 20 mm × 4.6 mm, stainless steel, kit of	50687-U
Hamilton PRP-X100 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm, PEEK hardware	82017-U
Hamilton PRP-X100 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm, PEEK hardware	82023-U
Hamilton PRP-X100 HPLC Column, 10 µm particle size, L × I.D. 10 cm × 4.1 mm, stainless steel hardware	82026-U
Hamilton PRP-X100 HPLC Column, 10 µm particle size, L × I.D. 15 cm × 4.1 mm, stainless steel hardware	82014-U
Hamilton PRP-X100 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.1 mm, stainless steel hardware	82011-U
Hamilton PRP-X100 HPLC Column, 10 µm particle size, L × I.D. 15 cm × 4.6 mm, PEEK hardware	82028-U
Hamilton PRP-X100 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.6 mm, PEEK hardware	82020-U
Hamilton PRP-X100 HPLC Guard Cartridge, Kit, 10 µm particle size, L × I.D. 2 mm × 2.1 mm, stainless steel hardware	82032-U
Hamilton PRP-X100 HPLC Guard Cartridge, Kit, 10 µm particle size, L × I.D. 8 mm × 3 mm, PEEK hardware	82035-U
Hamilton PRP-X100 HPLC Guard Cartridge, 10 µm particle size, L × I.D. 20 mm × 2.1 mm, stainless steel	82039-U
Hamilton PRP-X100 HPLC Guard Cartridge, 10 µm particle size, L × I.D. 8 mm × 3 mm, PEEK	82042-U
Hamilton PRP-X200 HPLC Column, 10 µm particle size, L × I.D. 15 cm × 4.1 mm, stainless steel hardware	82019-U
Hamilton PRP-X200 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.1 mm, stainless steel hardware	82027-U
Hamilton PRP-X200 HPLC Guard Cartridge, Kit, 10 µm particle size, L × I.D. 2 mm × 2.1 mm, stainless steel hardware	82036-U
Hamilton PRP-X200 HPLC Guard Cartridge, 10 µm particle size, L × I.D. 2 mm × 2.1 mm, stainless steel	82043-U
Hamilton PRP-X300 HPLC Column, 7 µm particle size, L × I.D. 25 cm × 4.1 mm, stainless steel hardware	82015-U
Hamilton PRP-X300 HPLC Guard Cartridge, Kit, 12 µm particle size, L × I.D. 2 mm × 2.1 mm, stainless steel hardware	82034-U
Hamilton PRP-X300 HPLC Guard Cartridge, 12 µm particle size, L × I.D. 2 mm × 2.1 mm, stainless steel	82041-U
HiLoad® 16/600 Superdex® 200 pg, GE Healthcare, 28-9893-35, column L × I.D. 60 cm × 16 mm, 34 µm avg. part. size	GE28-9893-35
HiLoad® 26/600 Superdex® 200 pg, GE Healthcare, 28-9893-36, column L × I.D. 60 cm × 26 mm, 34 µm avg. part. size	GE28-9893-36
HiLoad® 16/600 Superdex® 30 pg, GE Healthcare, 28-9893-31, column L × I.D. 60 cm × 16 mm, 34 µm avg. part. size	GE28-9893-31
HiLoad® 16/600 Superdex® 75 pg, GE Healthcare, 28-9893-33, column L × I.D. 60 cm × 16 mm, 34 µm avg. part. size	GE28-9893-33
HiLoad® 26/600 Superdex® 30 pg, GE Healthcare, 28-9893-32, column L × I.D. 60 cm × 26 mm, 34 µm avg. part. size	GE28-9893-32
HiLoad® 26/600 Superdex® 75 pg, GE Healthcare, 28-9893-34, column L × I.D. 60 cm × 26 mm, 34 µm avg. part. size	GE28-9893-34

* Name	Catalog Number
HiPrep™ 26/10 Desalting, GE Healthcare, 17-5087-02, column L × I.D. 10 cm × 26 mm, 17-132 µm particle size (dry)	GE17-5087-02
HiPrep™ 26/10 Desalting, GE Healthcare, 17-5087-01, column L × I.D. 10 cm × 26 mm, 17-132 µm particle size (dry)	GE17-5087-01
HiPrep™ 16/60 Sephacryl® S-100 HR, GE Healthcare, 17-1165-01, column L × I.D. 60 cm × 16 mm, 50 µm avg. part. size	GE17-1165-01
HiPrep™ 26/60 Sephacryl® S-100 HR, GE Healthcare, 17-1194-01, column L × I.D. 60 cm × 26 mm, 50 µm avg. part. size	GE17-1194-01
HiPrep™ 16/60 Sephacryl® S-200 HR, GE Healthcare, 17-1166-01, column L × I.D. 60 cm × 16 mm, 50 µm avg. part. size	GE17-1166-01
HiPrep™ 26/60 Sephacryl® S-200 HR, GE Healthcare, 17-1195-01, column L × I.D. 60 cm × 26 mm, 50 µm avg. part. size	GE17-1195-01
HiPrep™ 16/60 Sephacryl® S-300 HR, GE Healthcare, 17-1167-01, column L × I.D. 60 cm × 16 mm, 50 µm avg. part. size	GE17-1167-01
HiPrep™ 26/60 Sephacryl® S-300 HR, GE Healthcare, 17-1196-01, column L × I.D. 60 cm × 26 mm, 50 µm avg. part. size	GE17-1196-01
HiPrep™ 16/60 Sephacryl® S-400 HR, GE Healthcare, 28-9356-04, column L × I.D. 60 cm × 16 mm, 50 µm avg. part. size	GE28-9356-04
HiPrep™ 26/60 Sephacryl® S-400 HR, GE Healthcare, 28-9356-05, column L × I.D. 60 cm × 26 mm, 50 µm avg. part. size	GE28-9356-05
HiPrep™ 16/60 Sephacryl® S-500 HR, GE Healthcare, 28-9356-06, column L × I.D. 60 cm × 16 mm, 50 µm avg. part. size	GE28-9356-06
HiPrep™ 26/60 Sephacryl® S-500 HR, GE Healthcare, 28-9356-07, column L × I.D. 60 cm × 26 mm, 50 µm avg. part. size	GE28-9356-07
Holder for 21.5 mm I.D. TSKgel® Guard Cartridges, pkg of 1 ea	816106
Holder for 3.2 mm I.D. TSKgel® Guard Cartridges, pkg of 1 ea	819018
Holder for 2 mm I.D. TSKgel® Guard Cartridges, pkg of 1 ea	819308
HPLC Column Coupler, PEEK, I.D. × O.D. × Overall L 0.007 in. × 1/16 in. × 1 in.	58162AST
Inertsil® ODS-2 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4 mm	50102-U
Inertsil® ODS-2 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50103-U
Inertsil® ODS-2 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	50108-U
Kromasil® AmyCoat® Chiral HPLC Column, 3 µm particle size, L × I.D. 50 mm × 2.1 mm	K08971229
Kromasil® AmyCoat® Chiral HPLC Column, 3 µm particle size, L × I.D. 150 mm × 2.1 mm	K08971225
Kromasil® AmyCoat® Chiral HPLC Column, 3 µm particle size, L × I.D. 50 mm × 4.6 mm	K08670344
Kromasil® AmyCoat® Chiral HPLC Column, 3 µm particle size, L × I.D. 150 mm × 4.6 mm	K08670346
Kromasil® AmyCoat® Chiral HPLC Column, 5 µm particle size, L × I.D. 50 mm × 2.1 mm	K08971230
Kromasil® AmyCoat® Chiral HPLC Column, 5 µm particle size, L × I.D. 150 mm × 2.1 mm	K08971226
Kromasil® AmyCoat® Chiral HPLC Column, 5 µm particle size, L × I.D. 50 mm × 4.6 mm	K08670608
Kromasil® AmyCoat® Chiral HPLC Column, 5 µm particle size, L × I.D. 150 mm × 4.6 mm	K08670347
Kromasil® AmyCoat® Chiral HPLC Column, 5 µm particle size, L × I.D. 250 mm × 4.6 mm	K08670348
Kromasil® AmyCoat® Chiral HPLC Column, 5 µm particle size, L × I.D. 250 mm × 10 mm	K08670605
Kromasil® AmyCoat® Chiral HPLC Column, 5 µm particle size, L × I.D. 250 mm × 21.2 mm	K08670606

* Name	Catalog Number	* Name	Catalog Number
Kromasil® AmyCoat® Chiral HPLC Column, 5 µm particle size, L × I.D. 250 mm × 30 mm	K08670607	Kromasil® C8, Bulk, 13 µm particle size, pore size 100 Å, pkg of 1000 g	K08971159
Kromasil® AmyCoat® Chiral HPLC Column, 10 µm particle size, L × I.D. 150 mm × 4.6 mm	K08670603	Kromasil® C8, Bulk, 13 µm particle size, pore size 100 Å, pkg of 2000 g	K08971190
Kromasil® AmyCoat® Chiral HPLC Column, 10 µm particle size, L × I.D. 250 mm × 4.6 mm	K08670604	Kromasil® C8, Bulk, 13 µm particle size, pore size 100 Å, pkg of 500 g	K08971128
Kromasil® AmyCoat® Chiral HPLC Column, 10 µm particle size, L × I.D. 250 mm × 10 mm	K08670600	Kromasil® C8, Bulk, 16 µm particle size, pore size 100 Å, pkg of 1000 g	K08971166
Kromasil® AmyCoat® Chiral HPLC Column, 10 µm particle size, L × I.D. 250 mm × 21.2 mm	K08670601	Kromasil® C8, Bulk, 16 µm particle size, pore size 100 Å, pkg of 2000 g	K08971197
Kromasil® AmyCoat® Chiral HPLC Column, 10 µm particle size, L × I.D. 250 mm × 30 mm	K08670602	Kromasil® C8, Bulk, 16 µm particle size, pore size 100 Å, pkg of 500 g	K08971135
Kromasil® AmyCoat® Chiral HPLC Guard Cartridge, use to protect 3.0 - 4.6 mm I.D. columns, pkg of 5 ea	K08971102	Kromasil® C8, Bulk, 16 µm particle size, pore size 300 Å, pkg of 1000 g	K08971172
Kromasil® AmyCoat® Chiral HPLC Guard Cartridge, use to protect 10 mm I.D. columns, pkg of 3 ea	K08971103	Kromasil® C8, Bulk, 16 µm particle size, pore size 300 Å, pkg of 2000 g	K08971203
Kromasil® AmyCoat® Chiral HPLC Guard Cartridge, use to protect 21.2 mm I.D. columns, pkg of 3 ea	K08971104	Kromasil® C8, Bulk, 16 µm particle size, pore size 300 Å, pkg of 500 g	K08971141
Kromasil® AmyCoat® Chiral Reversed Phase HPLC Column, 3 µm particle size, L × I.D. 50 mm × 4.6 mm	K08670500	Kromasil® C8 Guard Cartridge, use to protect 2.1 mm I.D. columns, pkg of 5 ea	K08970936
Kromasil® AmyCoat® Chiral Reversed Phase HPLC Column, 3 µm particle size, L × I.D. 150 mm × 4.6 mm	K08670501	Kromasil® C8 Guard Cartridge, use to protect 3.0 - 4.6 mm I.D. columns, pkg of 5 ea	K08970937
Kromasil® C4, Bulk, 10 µm particle size, pore size 300 Å, pkg of 1000 g	K08971153	Kromasil® C8 Guard Cartridge, use to protect 10 mm I.D. columns, pkg of 3 ea	K08970938
Kromasil® C4, Bulk, 10 µm particle size, pore size 300 Å, pkg of 2000 g	K08971184	Kromasil® C8 Guard Cartridge, use to protect 21.2 mm I.D. columns, pkg of 3 ea	K08970939
Kromasil® C4, Bulk, 10 µm particle size, pore size 300 Å, pkg of 500 g	K08971122	Kromasil® C8 HPLC Column, 1.8 µm particle size, pore size 100 Å, L × I.D. 50 mm × 2.1 mm	K08971292
Kromasil® C4, Bulk, 13 µm particle size, pore size 100 Å, pkg of 1000 g	K08971158	Kromasil® C8 HPLC Column, 1.8 µm particle size, pore size 100 Å, L × I.D. 100 mm × 2.1 mm	K08971293
Kromasil® C4, Bulk, 13 µm particle size, pore size 100 Å, pkg of 1000 g	K08971189	Kromasil® C8 HPLC Column, 2.5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 2.1 mm	K08971282
Kromasil® C4, Bulk, 10 µm particle size, pore size 100 Å, pkg of 2000 g	K08971178	Kromasil® C8 HPLC Column, 2.5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 2.1 mm	K08971283
Kromasil® C4, Bulk, 13 µm particle size, pore size 100 Å, pkg of 500 g	K08971127	Kromasil® C8 HPLC Column, 2.5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 4.6 mm	K08971284
Kromasil® C4, Bulk, 10 µm particle size, pore size 100 Å, pkg of 500 g	K08971117	Kromasil® C8 HPLC Column, 2.5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 4.6 mm	K08971285
Kromasil® C4, Bulk, 16 µm particle size, pore size 100 Å, pkg of 1000 g	K08971165	Kromasil® C8 HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 20 mm × 2.1 mm	K08670742
Kromasil® C4, Bulk, 16 µm particle size, pore size 100 Å, pkg of 2000 g	K08971196	Kromasil® C8 HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 2.1 mm	K08670743
Kromasil® C4, Bulk, 16 µm particle size, pore size 100 Å, pkg of 500 g	K08971134	Kromasil® C8 HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 4.6 mm	K08670746
Kromasil® C4, Bulk, 16 µm particle size, pore size 300 Å, pkg of 1000 g	K08971171	Kromasil® C8 HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 2.1 mm	K08670740
Kromasil® C4, Bulk, 16 µm particle size, pore size 300 Å, pkg of 2000 g	K08971202	Kromasil® C8 HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 4.6 mm	K08670744
Kromasil® C4, Bulk, 16 µm particle size, pore size 300 Å, pkg of 500 g	K08971140	Kromasil® C8 HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 2.1 mm	K08670741
Kromasil® C4 Guard Cartridge, use to protect 2.1 mm I.D. columns, pkg of 5 ea	K08970930	Kromasil® C8 HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 3 mm	K08670739
Kromasil® C4 Guard Cartridge, use to protect 3.0 - 4.6 mm I.D. columns, pkg of 5 ea	K08970931	Kromasil® C8 HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 4.6 mm	K08670745
Kromasil® C4 Guard Cartridge, use to protect 10 mm I.D. columns, pkg of 3 ea	K08970932	Kromasil® C8 HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 75 mm × 4.6 mm	K08670747
Kromasil® C4 Guard Cartridge, use to protect 21.2 mm I.D. columns, pkg of 3 ea	K08970933	Kromasil® C8 HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 2.1 mm	K08670754
Kromasil® C8, Bulk, 10 µm particle size, pore size 100 Å, pkg of 1000 g	K08971148	Kromasil® C8 HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 3 mm	K08670750
Kromasil® C8, Bulk, 10 µm particle size, pore size 100 Å, pkg of 2000 g	K08971179	Kromasil® C8 HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 4.6 mm	K08670768
Kromasil® C8, Bulk, 10 µm particle size, pore size 100 Å, pkg of 500 g	K08971118	Kromasil® C8 HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 21.2 mm	K08670758
Kromasil® C8, Bulk, 10 µm particle size, pore size 300 Å, pkg of 1000 g	K08971154	Kromasil® C8 HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 2.1 mm	K08670752
Kromasil® C8, Bulk, 10 µm particle size, pore size 300 Å, pkg of 2000 g	K08971185	Kromasil® C8 HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 3 mm	K08670748
Kromasil® C8, Bulk, 10 µm particle size, pore size 300 Å, pkg of 1000 g	K08971123	Kromasil® C8 HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 4.6 mm	K08670764

* Name	Catalog Number
Kromasil® C18, Bulk, 13 µm particle size, pore size 100 Å, pkg of 500 g	K08971129
Kromasil® C18, Bulk, 16 µm particle size, pore size 100 Å, pkg of 1000 g	K08971167
Kromasil® C18, Bulk, 16 µm particle size, pore size 100 Å, pkg of 2000 g	K08971198
Kromasil® C18, Bulk, 16 µm particle size, pore size 100 Å, pkg of 500 g	K08971136
Kromasil® C18, Bulk, 16 µm particle size, pore size 300 Å, pkg of 1000 g	K08971173
Kromasil® C18, Bulk, 16 µm particle size, pore size 300 Å, pkg of 2000 g	K08971204
Kromasil® C18, Bulk, 16 µm particle size, pore size 300 Å, pkg of 500 g	K08971142
Kromasil® C18 Guard Cartridge, use to protect 2.1 mm I.D. columns, pkg of 5 ea	K08970942
Kromasil® C18 Guard Cartridge, use to protect 3.0 - 4.6 mm I.D. columns, pkg of 5 ea	K08970943
Kromasil® C18 Guard Cartridge, use to protect 10 mm I.D. columns, pkg of 3 ea	K08970944
Kromasil® C18 Guard Cartridge, use to protect 21.2 mm I.D. columns, pkg of 3 ea	K08970945
Kromasil® C18 HPLC Column, 1.8 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08971294
Kromasil® C18 HPLC Column, 1.8 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08971295
Kromasil® C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08971286
Kromasil® C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08971287
Kromasil® C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08971288
Kromasil® C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4.6 mm	K08971289
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 20 mm x 2.1 mm	K08670634
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 30 mm x 2.1 mm	K08670635
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 30 mm x 4.6 mm	K08670642
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08670352
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 3 mm	K08971207
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4 mm	K08670640
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08670643
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 75 mm x 4.6 mm	K08670644
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08670350
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 3 mm	K08670636
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4 mm	K08670638
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4.6 mm	K08670353
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 125 mm x 4.6 mm	K08670641
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 2.1 mm	K08670351
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 3 mm	K08670637
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4 mm	K08670639
Kromasil® C18 HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08670354
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 30 mm x 4.6 mm	K08670666

* Name	Catalog Number
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08670650
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 3 mm	K08670647
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4 mm	K08970908
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08670358
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 21.2 mm	K08670654
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 60 mm x 4.6 mm	K08670668
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08670355
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 3 mm	K08670645
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4 mm	K08970909
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4.6 mm	K08670664
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 21.2 mm	K08670651
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 30 mm	K08670655
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 125 mm x 4 mm	K08670658
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 2.1 mm	K08670649
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 3 mm	K08670646
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4 mm	K08670659
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08670356
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 21.2 mm	K08670652
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 30 mm	K08670656
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 200 mm x 4 mm	K08670660
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 200 mm x 4.6 mm	K08670665
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4 mm	K08670661
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08670357
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08670648
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08670653
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 30 mm	K08670657
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 300 mm x 4 mm	K08670662
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 300 mm x 4.6 mm	K08670667
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 50 mm x 2.1 mm	K08670675
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 50 mm x 3 mm	K08670671
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 50 mm x 4.6 mm	K08670679
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 100 mm x 2.1 mm	K08670673
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 100 mm x 3 mm	K08670669
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 100 mm x 4.6 mm	K08670677
Kromasil® C18 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 150 mm x 2.1 mm	K08670674

* Name	Catalog Number	* Name	Catalog Number
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4 mm	K08670710	Kromasil® C4 HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 100 mm x 21.2 mm	K08971016
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08670366	Kromasil® C4 HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08971002
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 21.2 mm	K08670705	Kromasil® C4 HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 150 mm x 21.2 mm	K08971020
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 30 mm	K08670709	Kromasil® C4 HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08971007
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08670367	Kromasil® C4 HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08971012
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08670700	Kromasil® C4 HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08971025
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08670706	Kromasil® C4 HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 250 mm x 50 mm	K08971030
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 30 mm	K08971213	Kromasil® C4 HPLC Column, 16 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08971034
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 50 mm x 2.1 mm	K08670720	Kromasil® C4 HPLC Column, 16 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08971043
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 50 mm x 3 mm	K08670716	Kromasil® C4 HPLC Column, 16 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08971052
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 50 mm x 4.6 mm	K08670724	Kromasil® C4 HPLC Column, 16 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08971061
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 100 mm x 2.1 mm	K08670718	Kromasil® C4 HPLC Column, 16 µm particle size, pore size 100 Å, L x I.D. 250 mm x 50 mm	K08971070
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 100 mm x 3 mm	K08670714	Kromasil® C4 HPLC Column, 16 µm particle size, pore size 300 Å, L x I.D. 150 mm x 4.6 mm	K08971038
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 100 mm x 4.6 mm	K08670722	Kromasil® C4 HPLC Column, 16 µm particle size, pore size 300 Å, L x I.D. 250 mm x 4.6 mm	K08971047
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 150 mm x 2.1 mm	K08670719	Kromasil® C4 HPLC Column, 16 µm particle size, pore size 300 Å, L x I.D. 250 mm x 10 mm	K08971056
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 150 mm x 3 mm	K08670715	Kromasil® C4 HPLC Column, 16 µm particle size, pore size 300 Å, L x I.D. 250 mm x 50 mm	K08971074
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 150 mm x 4.6 mm	K08670723	Kromasil® C4 HPLC Column, 16 µm particle size, pore size 300 Å, L x I.D. 250 mm x 21.2 mm	K08971065
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 250 mm x 4.6 mm	K08670368	Kromasil® CelluCoat® Chiral HPLC Column, 3 µm particle size, L x I.D. 50 mm x 2.1 mm	K08971227
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 250 mm x 10 mm	K08670717	Kromasil® CelluCoat® Chiral HPLC Column, 3 µm particle size, L x I.D. 150 mm x 2.1 mm	K08971223
Kromasil® C4 HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 250 mm x 21.2 mm	K08670721	Kromasil® CelluCoat® Chiral HPLC Column, 5 µm particle size, L x I.D. 50 mm x 2.1 mm	K08971228
Kromasil® C4 HPLC Column, 7 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08970963	Kromasil® CelluCoat® Chiral HPLC Column, 5 µm particle size, L x I.D. 150 mm x 2.1 mm	K08971224
Kromasil® C4 HPLC Column, 7 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08970968	Kromasil® CelluCoat® Chiral HPLC Column, 3 µm particle size, L x I.D. 50 mm x 4.6 mm	K08670372
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 100 mm x 21.2 mm	K08670681	Kromasil® CelluCoat® Chiral HPLC Column, 3 µm particle size, L x I.D. 150 mm x 4.6 mm	K08670370
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 100 mm x 30 mm	K08670684	Kromasil® CelluCoat® Chiral HPLC Column, 5 µm particle size, L x I.D. 50 mm x 4.6 mm	K08670617
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08670686	Kromasil® CelluCoat® Chiral HPLC Column, 5 µm particle size, L x I.D. 150 mm x 4.6 mm	K08670373
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 150 mm x 21.2 mm	K08670682	Kromasil® CelluCoat® Chiral HPLC Column, 5 µm particle size, L x I.D. 250 mm x 4.6 mm	K08670374
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 150 mm x 30 mm	K08670685	Kromasil® CelluCoat® Chiral HPLC Column, 5 µm particle size, L x I.D. 250 mm x 10 mm	K08670614
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08670680	Kromasil® CelluCoat® Chiral HPLC Column, 5 µm particle size, L x I.D. 250 mm x 21.2 mm	K08670615
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08670683	Kromasil® CelluCoat® Chiral HPLC Column, 5 µm particle size, L x I.D. 250 mm x 30 mm	K08670616
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 30 mm	K08970994	Kromasil® CelluCoat® Chiral HPLC Column, 10 µm particle size, L x I.D. 150 mm x 4.6 mm	K08670612
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 50 mm	K08670687	Kromasil® CelluCoat® Chiral HPLC Column, 10 µm particle size, L x I.D. 250 mm x 4.6 mm	K08670613
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 300 Å, L x I.D. 150 mm x 4.6 mm	K08670690	Kromasil® CelluCoat® Chiral HPLC Column, 10 µm particle size, L x I.D. 250 mm x 10 mm	K08670609
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 300 Å, L x I.D. 250 mm x 10 mm	K08670688	Kromasil® CelluCoat® Chiral HPLC Column, 10 µm particle size, L x I.D. 250 mm x 21.2 mm	K08670610
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 300 Å, L x I.D. 250 mm x 21.2 mm	K08670689	Kromasil® CelluCoat® Chiral HPLC Column, 10 µm particle size, L x I.D. 250 mm x 30 mm	K08670611
Kromasil® C4 HPLC Column, 10 µm particle size, pore size 300 Å, L x I.D. 250 mm x 50 mm	K08670692	Kromasil® CelluCoat® Chiral HPLC Guard Cartridge, use to protect 3.0 - 4.6 mm I.D. columns, pkg of 5 ea	K08971106

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
Kromasil® CelluCoat® Chiral HPLC Guard Cartridge, use to protect 10 mm I.D. columns, pkg of 3 ea	K08971107
Kromasil® CelluCoat® Chiral HPLC Guard Cartridge, use to protect 21.2 mm I.D. columns, pkg of 3 ea	K08971108
Kromasil® CelluCoat® Chiral Reversed Phase HPLC Column, 3 µm particle size, L × I.D. 50 mm × 4.6 mm	K08670502
Kromasil® CelluCoat® Chiral Reversed Phase HPLC Column, 3 µm particle size, L × I.D. 150 mm × 4.6 mm	K08670503
Kromasil® Cyano, Bulk, 10 µm particle size, pore size 60 Å, pkg of 1000 g	K08971144
Kromasil® Cyano, Bulk, 10 µm particle size, pore size 60 Å, pkg of 2000 g	K08971175
Kromasil® Cyano, Bulk, 10 µm particle size, pore size 60 Å, pkg of 500 g	K08971114
Kromasil® Cyano, Bulk, 16 µm particle size, pore size 60 Å, pkg of 1000 g	K08971162
Kromasil® Cyano, Bulk, 16 µm particle size, pore size 60 Å, pkg of 2000 g	K08971193
Kromasil® Cyano, Bulk, 16 µm particle size, pore size 60 Å, pkg of 500 g	K08971131
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 50 mm × 2.1 mm	K08670815
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 50 mm × 3 mm	K08670811
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 50 mm × 4.6 mm	K08670824
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 50 mm × 21.2 mm	K08670818
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 100 mm × 2.1 mm	K08670813
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 100 mm × 3 mm	K08670809
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 100 mm × 4.6 mm	K08670821
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 100 mm × 21.2 mm	K08670816
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 150 mm × 2.1 mm	K08670814
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 150 mm × 3 mm	K08670810
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 150 mm × 4.6 mm	K08670377
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 150 mm × 21.2 mm	K08971205
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 150 mm × 30 mm	K08670820
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 200 mm × 4.6 mm	K08670822
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 250 mm × 4.6 mm	K08670823
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 250 mm × 10 mm	K08670812
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 250 mm × 21.2 mm	K08670817
Kromasil® Cyano HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 250 mm × 30 mm	K08670819
Kromasil® Cyano HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 150 mm × 4.6 mm	K08670802
Kromasil® Cyano HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 250 mm × 4.6 mm	K08670803
Kromasil® Cyano HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 250 mm × 10 mm	K08670800
Kromasil® Cyano HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 250 mm × 21.2 mm	K08670801
Kromasil® Cyano HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 250 mm × 30 mm	K08970988
Kromasil® Cyano HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 250 mm × 50 mm	K08670804
Kromasil® Cyano HPLC Column, 16 µm particle size, pore size 60 Å, L × I.D. 150 mm × 4.6 mm	K08670806

* Name	Catalog Number
Kromasil® Cyano HPLC Column, 16 µm particle size, pore size 60 Å, L × I.D. 250 mm × 4.6 mm	K08670807
Kromasil® Cyano HPLC Column, 16 µm particle size, pore size 60 Å, L × I.D. 250 mm × 10 mm	K08670805
Kromasil® Cyano HPLC Column, 16 µm particle size, pore size 60 Å, L × I.D. 250 mm × 50 mm	K08670808
Kromasil® Diol, Bulk, 10 µm particle size, pore size 60 Å, pkg of 1000 g	K08971145
Kromasil® Diol, Bulk, 10 µm particle size, pore size 60 Å, pkg of 2000 g	K08971176
Kromasil® Diol, Bulk, 10 µm particle size, pore size 60 Å, pkg of 500 g	K08971115
Kromasil® Diol, Bulk, 16 µm particle size, pore size 60 Å, pkg of 1000 g	K08971163
Kromasil® Diol, Bulk, 16 µm particle size, pore size 60 Å, pkg of 2000 g	K08971194
Kromasil® Diol, Bulk, 16 µm particle size, pore size 60 Å, pkg of 500 g	K08971132
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 50 mm × 2.1 mm	K08670841
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 50 mm × 3 mm	K08670837
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 50 mm × 4.6 mm	K08670846
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 100 mm × 2.1 mm	K08670839
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 100 mm × 3 mm	K08670835
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 100 mm × 4.6 mm	K08670844
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 150 mm × 2.1 mm	K08670840
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 150 mm × 3 mm	K08670836
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 150 mm × 4.6 mm	K08670378
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 150 mm × 21.2 mm	K08670842
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 250 mm × 4.6 mm	K08670845
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 250 mm × 10 mm	K08670838
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 250 mm × 21.2 mm	K08670843
Kromasil® Diol HPLC Column, 5 µm particle size, pore size 60 Å, L × I.D. 250 mm × 30 mm	K08971208
Kromasil® Diol HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 150 mm × 4.6 mm	K08670827
Kromasil® Diol HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 250 mm × 4.6 mm	K08670828
Kromasil® Diol HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 250 mm × 10 mm	K08670825
Kromasil® Diol HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 250 mm × 21.2 mm	K08670826
Kromasil® Diol HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 250 mm × 30 mm	K08970990
Kromasil® Diol HPLC Column, 10 µm particle size, pore size 60 Å, L × I.D. 250 mm × 50 mm	K08670829
Kromasil® Diol HPLC Column, 16 µm particle size, pore size 60 Å, L × I.D. 150 mm × 4.6 mm	K08670832
Kromasil® Diol HPLC Column, 16 µm particle size, pore size 60 Å, L × I.D. 250 mm × 4.6 mm	K08670833
Kromasil® Diol HPLC Column, 16 µm particle size, pore size 60 Å, L × I.D. 250 mm × 10 mm	K08670830
Kromasil® Diol HPLC Column, 16 µm particle size, pore size 60 Å, L × I.D. 250 mm × 21.2 mm	K08670831
Kromasil® Diol HPLC Column, 16 µm particle size, pore size 60 Å, L × I.D. 250 mm × 50 mm	K08670834
Kromasil® Eternity™ C18 Guard Cartridge, use to protect 2.1mm ID columns	K08971215

* Name	Catalog Number
Kromasil® Eternity™ C18 Guard Cartridge, use to protect 3.0 - 4.6mm id columns	K08971217
Kromasil® Eternity™ C18 Guard Cartridge, use to protect 10mm id columns	K08971219
Kromasil® Eternity™ C18 Guard Cartridge, use to protect 21.2mm id columns	K08971220
Kromasil® Eternity™ C18 Guard Cartridge, use to protect 30mm id columns	K08971221
Kromasil Eternity™ C18 Guard Cartridge Starter Kit, use to protect 2.1mm id columns	K08971216
Kromasil Eternity™ C18 Guard Cartridge Starter Kit, use to protect 3.0 - 4.6 mm id columns	K08971218
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08670898
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 3 mm	K08971110
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08670900
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 10 mm	K08670420
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 21.2 mm	K08670423
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 30 mm	K08670426
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 3 mm	K08971111
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4.6 mm	K08670901
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 2.1 mm	K08670899
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 3 mm	K08971112
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08670902
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 10 mm	K08670421
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 21.2 mm	K08670424
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 30 mm	K08670427
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 3 mm	K08971113
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08670903
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08670422
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08670425
Kromasil® Eternity™ C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 30 mm	K08670428
Kromasil® Eternity™ C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08670894
Kromasil® Eternity™ C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08670896
Kromasil® Eternity™ C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08670895
Kromasil® Eternity™ C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4.6 mm	K08670897
Kromasil® Eternity™ PhenylHexyl Guard Cartridge, use to protect (2.1mm id column)	K08971254
Kromasil® Eternity™ PhenylHexyl Guard Cartridge, use to protect (3.0-4.6mm id column)	K08971256
Kromasil® Eternity™ PhenylHexyl Guard Cartridge, use to protect (10-21.2mm id columns)	K08971258
Kromasil® Eternity™ PhenylHexyl Guard Cartridge, use to protect (30mm id columns)	K08971259

* Name	Catalog Number
Kromasil Eternity™ PhenylHexyl Guard Cartridge Starter Kit, use to protect (2.1mm id column)	K08971255
Kromasil Eternity™ PhenylHexyl Guard Cartridge Starter Kit, use to protect (3.0-4.6mm id columns)	K08971257
Kromasil® Eternity™ PhenylHexyl HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08971231
Kromasil® Eternity™ PhenylHexyl HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08971233
Kromasil® Eternity™ PhenylHexyl HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08971232
Kromasil® Eternity™ PhenylHexyl HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4.6 mm	K08971234
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08971235
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 3 mm	K08971237
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08971241
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 10 mm	K08971245
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 21.2 mm	K08971248
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 30 mm	K08971251
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 3 mm	K08971238
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4.6 mm	K08971242
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 2.1 mm	K08971236
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 3 mm	K08971239
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08971243
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 10 mm	K08971246
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 21.2 mm	K08971249
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 30 mm	K08971252
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 3 mm	K08971240
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08971244
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08971247
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08971250
Kromasil® Eternity™ PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 30 mm	K08971253
Kromasil® Eternity™ XT C18 HPLC Column, 1.8 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08971296
Kromasil® Eternity™ XT C18 HPLC Column, 1.8 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08971297

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
Kromasil® Eternity™ XT C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08971298
Kromasil® Eternity™ XT C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08971299
Kromasil® Eternity™ XT C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08971300
Kromasil® Eternity™ XT C18 HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4.6 mm	K08971301
Kromasil® Eternity™ XT C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08971302
Kromasil® Eternity™ XT C18 HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08971303
Kromasil® Eternity™ XT C18 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08971304
Kromasil® Eternity™ XT C18 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 100 mm x 10 mm	K08971305
Kromasil® Eternity™ XT C18 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 150 mm x 10 mm	K08971306
Kromasil® Eternity™ XT C18 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08971307
Kromasil® Eternity™ XT C18 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 100 mm x 21.2 mm	K08971316
Kromasil® Eternity™ XT C18 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 150 mm x 21.2 mm	K08971317
Kromasil® Eternity™ XT C18 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08971318
Kromasil® Eternity™ XT C18 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 100 mm x 30 mm	K08971319
Kromasil® Eternity™ XT C18 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 150 mm x 30 mm	K08971320
Kromasil® Eternity™ XT C18 HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 30 mm	K08971321
Kromasil® Eternity™ XT PhenylHexyl HPLC Column, 1.8 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08971308
Kromasil® Eternity™ XT PhenylHexyl HPLC Column, 1.8 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08971309
Kromasil® Eternity™ XT PhenylHexyl HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08971310
Kromasil® Eternity™ XT PhenylHexyl HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08971311
Kromasil® Eternity™ XT PhenylHexyl HPLC Column, 2.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08971312
Kromasil® Eternity™ XT PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08971314
Kromasil® Eternity™ XT PhenylHexyl HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08971315
Kromasil® Guard Cartridge Coupler, for use with 2.1 - 4.6 mm I.D. x 10 mm L guard cartridge	K08970955
Kromasil® Guard Cartridge Coupler, for use with 10 - 21.2 mm I.D. x 10 mm L guard cartridge	K08970957
Kromasil® Guard Cartridge Holder, for use with 2.1 - 4.6 mm I.D. x 10 mm L guard cartridge	K08970954

* Name	Catalog Number
Kromasil® Guard Cartridge Holder, for use with 10 - 21.2 mm I.D. x 10 mm L guard cartridge	K08970956
Kromasil® Guard Cartridge Starter Kit, phase C18 (octadecyl), use to protect 2.1 mm I.D. columns	K08970946
Kromasil® Guard Cartridge Starter Kit, phase C18 (octadecyl), use to protect 3.0 - 4.6 mm I.D. columns	K08970947
Kromasil® Guard Cartridge Starter Kit, phase C4 (butyl), use to protect 2.1 mm I.D. columns	K08970934
Kromasil® Guard Cartridge Starter Kit, phase C4 (butyl), use to protect 3.0 - 4.6 mm I.D. columns	K08970935
Kromasil® Guard Cartridge Starter Kit, phase C8 (octyl), use to protect 2.1 mm I.D. columns	K08970940
Kromasil® Guard Cartridge Starter Kit, phase C8 (octyl), use to protect 3.0 - 4.6 mm I.D. columns	K08970941
Kromasil® Guard Cartridge Starter Kit, phase cellulose, carbamoyl, use to protect 3.0 - 4.6 mm I.D. columns	K08971109
Kromasil® Guard Cartridge Starter Kit, phase silica, use to protect 2.1 mm I.D. columns	K08970952
Kromasil® Guard Cartridge Starter Kit, phase silica, use to protect 3.0 - 4.6 mm I.D. columns	K08970953
Kromasil® Guard Cartridge Starter Kit, phase amylose, carbamoyl, use to protect 3.0 - 4.6 mm I.D. columns	K08971105
Kromasil® HILIC-D Guard Cartridge, use to protect 2.1mm ID columns	K08971273
Kromasil® HILIC-D Guard Cartridge, use to protect 3.0 - 4.6 mm ID columns	K08971275
Kromasil® HILIC-D Guard Cartridge, use to protect 10 - 21.2 mm ID columns	K08971277
Kromasil® HILIC-D Guard Cartridge Starter Kit, use to protect 2.1 mm I.D. columns	K08971274
Kromasil® HILIC-D Guard Cartridge Starter Kit, use to protect 3.0 - 4.6 mm I.D. columns	K08971276
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 50 mm x 2.1 mm	K08971260
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 100 mm x 2.1 mm	K08971261
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 150 mm x 2.1 mm	K08971262
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 50 mm x 3 mm	K08971263
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 100 mm x 3 mm	K08971264
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 150 mm x 3 mm	K08971265
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 50 mm x 4.6 mm	K08971266
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 100 mm x 4.6 mm	K08971267
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 150 mm x 4.6 mm	K08971268
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 250 mm x 4.6 mm	K08971269
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 250 mm x 10 mm	K08971270
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 250 mm x 21.2 mm	K08971271
Kromasil® HILIC-D HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 250 mm x 30 mm	K08971272
Kromasil® NH ₂ , Bulk, 10 µm particle size, pore size 100 Å, pkg of 1000 g	K08971150
Kromasil® NH ₂ , Bulk, 10 µm particle size, pore size 100 Å, pkg of 2000 g	K08971181
Kromasil® NH ₂ , Bulk, 10 µm particle size, pore size 100 Å, pkg of 500 g	K08971119
Kromasil® NH ₂ , Bulk, 16 µm particle size, pore size 100 Å, pkg of 1000 g	K08971168
Kromasil® NH ₂ , Bulk, 16 µm particle size, pore size 100 Å, pkg of 2000 g	K08971199
Kromasil® NH ₂ , Bulk, 16 µm particle size, pore size 100 Å, pkg of 500 g	K08971137

* Name	Catalog Number
Kromasil® NH ₂ HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 4.6 mm	K08670858
Kromasil® NH ₂ HPLC Column, 3.5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 4.6 mm	K08670859
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 2.1 mm	K08670866
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 3 mm	K08670862
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 4.6 mm	K08670870
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 2.1 mm	K08670864
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 3 mm	K08670860
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 4.6 mm	K08670868
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 2.1 mm	K08670865
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 3 mm	K08670861
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 4.6 mm	K08670869
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 250 mm × 4.6 mm	K08670343
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 250 mm × 10 mm	K08670863
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 250 mm × 21.2 mm	K08670867
Kromasil® NH ₂ HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 250 mm × 30 mm	K08971210
Kromasil® NH ₂ HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 150 mm × 4.6 mm	K08670850
Kromasil® NH ₂ HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 250 mm × 4.6 mm	K08670851
Kromasil® NH ₂ HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 250 mm × 10 mm	K08670847
Kromasil® NH ₂ HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 250 mm × 21.2 mm	K08670848
Kromasil® NH ₂ HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 250 mm × 30 mm	K08970989
Kromasil® NH ₂ HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 250 mm × 50 mm	K08670852
Kromasil® NH ₂ HPLC Column, 16 µm particle size, pore size 100 Å, L × I.D. 150 mm × 4.6 mm	K08670855
Kromasil® NH ₂ HPLC Column, 16 µm particle size, pore size 100 Å, L × I.D. 250 mm × 4.6 mm	K08670856
Kromasil® NH ₂ HPLC Column, 16 µm particle size, pore size 100 Å, L × I.D. 250 mm × 10 mm	K08670853
Kromasil® NH ₂ HPLC Column, 16 µm particle size, pore size 100 Å, L × I.D. 250 mm × 21.2 mm	K08670854
Kromasil® NH ₂ HPLC Column, 16 µm particle size, pore size 100 Å, L × I.D. 250 mm × 50 mm	K08670857
Kromasil® Phenyl, Bulk, 10 µm particle size, pore size 100 Å, pkg of 1000 g	K08971151
Kromasil® Phenyl, Bulk, 10 µm particle size, pore size 100 Å, pkg of 2000 g	K08971182
Kromasil® Phenyl, Bulk, 10 µm particle size, pore size 100 Å, pkg of 500 g	K08971120
Kromasil® Phenyl, Bulk, 16 µm particle size, pore size 100 Å, pkg of 1000 g	K08971169
Kromasil® Phenyl, Bulk, 16 µm particle size, pore size 100 Å, pkg of 2000 g	K08971200
Kromasil® Phenyl, Bulk, 16 µm particle size, pore size 100 Å, pkg of 500 g	K08971138
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 2.1 mm	K08670887
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 3 mm	K08670883
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 50 mm × 4.6 mm	K08670893

* Name	Catalog Number
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 2.1 mm	K08670885
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 3 mm	K08670881
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 4.6 mm	K08670891
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 100 mm × 21.2 mm	K08670888
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 2.1 mm	K08670886
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 3 mm	K08670882
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 4 mm	K08670890
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 4.6 mm	K08670892
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 150 mm × 21.2 mm	K08970924
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 250 mm × 4.6 mm	K08670379
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 250 mm × 10 mm	K08670884
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 250 mm × 21.2 mm	K08670889
Kromasil® Phenyl HPLC Column, 5 µm particle size, pore size 100 Å, L × I.D. 250 mm × 30 mm	K08971211
Kromasil® Phenyl HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 150 mm × 4.6 mm	K08670873
Kromasil® Phenyl HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 250 mm × 4.6 mm	K08670874
Kromasil® Phenyl HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 250 mm × 10 mm	K08670871
Kromasil® Phenyl HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 250 mm × 21.2 mm	K08670872
Kromasil® Phenyl HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 250 mm × 30 mm	K08970991
Kromasil® Phenyl HPLC Column, 10 µm particle size, pore size 100 Å, L × I.D. 250 mm × 50 mm	K08670875
Kromasil® Phenyl HPLC Column, 16 µm particle size, pore size 100 Å, L × I.D. 150 mm × 4.6 mm	K08670878
Kromasil® Phenyl HPLC Column, 16 µm particle size, pore size 100 Å, L × I.D. 250 mm × 4.6 mm	K08670879
Kromasil® Phenyl HPLC Column, 16 µm particle size, pore size 100 Å, L × I.D. 250 mm × 10 mm	K08670876
Kromasil® Phenyl HPLC Column, 16 µm particle size, pore size 100 Å, L × I.D. 250 mm × 21.2 mm	K08670877
Kromasil® Phenyl HPLC Column, 16 µm particle size, pore size 100 Å, L × I.D. 250 mm × 50 mm	K08670880
Kromasil® Silica, Bulk, 10 µm particle size, pore size 60 Å, pkg of 1000 g	K08971143
Kromasil® Silica, Bulk, 10 µm particle size, pore size 60 Å, pkg of 2000 g	K08971174
Kromasil® Silica, Bulk, 10 µm particle size, pore size 60 Å, pkg of 500 g	K08670383
Kromasil® Silica, Bulk, 10 µm particle size, pore size 100 Å, pkg of 1000 g	K08971146
Kromasil® Silica, Bulk, 10 µm particle size, pore size 100 Å, pkg of 2000 g	K08971177
Kromasil® Silica, Bulk, 10 µm particle size, pore size 100 Å, pkg of 500 g	K08971116
Kromasil® Silica, Bulk, 10 µm particle size, pore size 300 Å, pkg of 1000 g	K08971152
Kromasil® Silica, Bulk, 10 µm particle size, pore size 300 Å, pkg of 2000 g	K08971183
Kromasil® Silica, Bulk, 10 µm particle size, pore size 300 Å, pkg of 500 g	K08971121
Kromasil® Silica, Bulk, 13 µm particle size, pore size 60 Å, pkg of 1000 g	K08971156
Kromasil® Silica, Bulk, 13 µm particle size, pore size 60 Å, pkg of 2000 g	K08971187

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
Kromasil® Silica, Bulk, 13 µm particle size, pore size 60 Å, pkg of 500 g	K08971125
Kromasil® Silica, Bulk, 13 µm particle size, pore size 100 Å, pkg of 1000 g	K08971157
Kromasil® Silica, Bulk, 13 µm particle size, pore size 100 Å, pkg of 1000 g	K08971188
Kromasil® Silica, Bulk, 13 µm particle size, pore size 100 Å, pkg of 500 g	K08971126
Kromasil® Silica, Bulk, 16 µm particle size, pore size 60 Å, pkg of 1000 g	K08971161
Kromasil® Silica, Bulk, 16 µm particle size, pore size 60 Å, pkg of 2000 g	K08971192
Kromasil® Silica, Bulk, 16 µm particle size, pore size 60 Å, pkg of 1000 g	K08971130
Kromasil® Silica, Bulk, 16 µm particle size, pore size 100 Å, pkg of 1000 g	K08971164
Kromasil® Silica, Bulk, 16 µm particle size, pore size 100 Å, pkg of 2000 g	K08971195
Kromasil® Silica, Bulk, 16 µm particle size, pore size 100 Å, pkg of 500 g	K08971133
Kromasil® Silica, Bulk, 16 µm particle size, pore size 300 Å, pkg of 2000 g	K08971201
Kromasil® Silica, Bulk, 16 µm particle size, pore size 300 Å, pkg of 1000 g	K08971170
Kromasil® Silica, Bulk, 16 µm particle size, pore size 300 Å, pkg of 500 g	K08971139
Kromasil® Silica Guard Cartridge, use to protect 2.1 mm I.D. columns, pkg of 5 ea	K08970948
Kromasil® Silica Guard Cartridge, use to protect 3.0 - 4.6 mm I.D. columns, pkg of 5 ea	K08970949
Kromasil® Silica Guard Cartridge, use to protect 10 mm I.D. columns, pkg of 3 ea	K08970950
Kromasil® Silica Guard Cartridge, use to protect 21.2 mm I.D. columns, pkg of 3 ea	K08970951
Kromasil® Silica HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08670441
Kromasil® Silica HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08670437
Kromasil® Silica HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4.6 mm	K08670439
Kromasil® Silica HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 3 mm	K08971222
Kromasil® Silica HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 2.1 mm	K08670438
Kromasil® Silica HPLC Column, 3.5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08670440
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 50 mm x 2.1 mm	K08670476
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 50 mm x 3 mm	K08670472
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 50 mm x 4.6 mm	K08670483
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 100 mm x 2.1 mm	K08670474
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 100 mm x 3 mm	K08970903
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 100 mm x 4.6 mm	K08670480
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 100 mm x 30 mm	K08670470
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 150 mm x 2.1 mm	K08670475
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 150 mm x 3 mm	K08670471
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 150 mm x 4.6 mm	K08670481
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 150 mm x 21.2 mm	K08670477
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 250 mm x 4.6 mm	K08670482

* Name	Catalog Number
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 250 mm x 10 mm	K08670473
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 250 mm x 21.2 mm	K08670478
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 60 Å, L x I.D. 250 mm x 30 mm	K08971209
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 2.1 mm	K08670448
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 3 mm	K08670444
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 4.6 mm	K08670461
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 50 mm x 21.2 mm	K08670452
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 2.1 mm	K08670446
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 3 mm	K08670442
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 4.6 mm	K08670457
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 100 mm x 21.2 mm	K08670449
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 2.1 mm	K08670447
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 3 mm	K08670443
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08670458
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 150 mm x 21.2 mm	K08670450
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 200 mm x 4 mm	K08670455
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4 mm	K08670456
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08670381
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08670445
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08670451
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 250 mm x 30 mm	K08971212
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 100 Å, L x I.D. 300 mm x 4.6 mm	K08670460
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 50 mm x 2.1 mm	K08670497
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 50 mm x 3 mm	K08670493
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 50 mm x 4.6 mm	K08670417
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 100 mm x 2.1 mm	K08670495
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 100 mm x 3 mm	K08670491
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 100 mm x 4.6 mm	K08670499
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 150 mm x 2.1 mm	K08670496
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 150 mm x 3 mm	K08670492
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 150 mm x 4.6 mm	K08670415
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 250 mm x 4.6 mm	K08670416
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 250 mm x 10 mm	K08670494
Kromasil® Silica HPLC Column, 5 µm particle size, pore size 300 Å, L x I.D. 250 mm x 21.2 mm	K08670498
Kromasil® Silica HPLC Column, 7 µm particle size, pore size 60 Å, L x I.D. 150 mm x 4.6 mm	K08970961

* Name	Catalog Number	* Name	Catalog Number
Kromasil® Silica HPLC Column, 7 µm particle size, pore size 60 Å, L x I.D. 250 mm x 4.6 mm	K08970966	Kromasil® Silica HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08971006
Kromasil® Silica HPLC Column, 7 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08970962	Kromasil® Silica HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08971011
Kromasil® Silica HPLC Column, 7 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4 mm	K08970958	Kromasil® Silica HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08971024
Kromasil® Silica HPLC Column, 7 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08970967	Kromasil® Silica HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 250 mm x 50 mm	K08971029
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 60 Å, L x I.D. 100 mm x 4.6 mm	K08670487	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 60 Å, L x I.D. 150 mm x 4.6 mm	K08971206
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 60 Å, L x I.D. 100 mm x 21.2 mm	K08670485	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 60 Å, L x I.D. 250 mm x 4.6 mm	K08971041
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 60 Å, L x I.D. 150 mm x 4.6 mm	K08670488	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 60 Å, L x I.D. 250 mm x 10 mm	K08971050
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 60 Å, L x I.D. 250 mm x 4.6 mm	K08670489	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 60 Å, L x I.D. 250 mm x 21.2 mm	K08971059
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 60 Å, L x I.D. 250 mm x 10 mm	K08670484	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 60 Å, L x I.D. 250 mm x 50 mm	K08971068
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 60 Å, L x I.D. 250 mm x 21.2 mm	K08670486	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08971033
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 60 Å, L x I.D. 250 mm x 30 mm	K08970992	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08971042
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 60 Å, L x I.D. 250 mm x 50 mm	K08670490	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08971051
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 100 mm x 21.2 mm	K08670463	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08971060
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 100 mm x 30 mm	K08670466	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 100 Å, L x I.D. 250 mm x 50 mm	K08971069
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08670468	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 300 Å, L x I.D. 150 mm x 4.6 mm	K08971037
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 150 mm x 21.2 mm	K08670464	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 300 Å, L x I.D. 250 mm x 4.6 mm	K08971046
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 150 mm x 30 mm	K08670467	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 300 Å, L x I.D. 250 mm x 10 mm	K08971055
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 4.6 mm	K08670380	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 300 Å, L x I.D. 250 mm x 21.2 mm	K08971064
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 10 mm	K08670462	Kromasil® Silica HPLC Column, 16 µm particle size, pore size 300 Å, L x I.D. 250 mm x 50 mm	K08971073
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 21.2 mm	K08670465	LiChrosorb® C8 12.5CM x 4.1MM HPLC COLUMN, column L x I.D. 12.5 cm x 4 mm	57484-U
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 30 mm	K08970993	LiChrosorb® Diol HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4 mm	50122-U
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 100 Å, L x I.D. 250 mm x 50 mm	K08670469	LiChrosorb® RP-8 HPLC Column, 10 µm particle size, L x I.D. 20 cm x 4.6 mm	50125-U
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 300 Å, L x I.D. 150 mm x 4.6 mm	K08970973	LiChrosorb® RP-8 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	54955-U
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 300 Å, L x I.D. 250 mm x 4.6 mm	K08970976	LiChrosorb® RP-8 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	54953-U
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 300 Å, L x I.D. 250 mm x 10 mm	K08970979	LiChrosorb® RP-8 HPLC Column, 7 µm particle size, L x I.D. 25 cm x 4.6 mm	50130-U
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 300 Å, L x I.D. 250 mm x 21.2 mm	K08970984	LiChrosorb® RP-8 HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	50129-U
Kromasil® Silica HPLC Column, 10 µm particle size, pore size 300 Å, L x I.D. 250 mm x 50 mm	K08970998	LiChrosorb® RP-18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	54951
Kromasil® Silica HPLC Column, 13 µm particle size, pore size 60 Å, L x I.D. 150 mm x 4.6 mm	K08971000	LiChrosorb® RP-18 HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	50124-U
Kromasil® Silica HPLC Column, 13 µm particle size, pore size 60 Å, L x I.D. 250 mm x 4.6 mm	K08971005	LiChrosorb® RP-18 HPLC Column, 5 µm particle size, L x I.D. 15 cm x 3.2 mm	54952
Kromasil® Silica HPLC Column, 13 µm particle size, pore size 60 Å, L x I.D. 250 mm x 10 mm	K08971010	LiChrosorb® RP-18 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	54949
Kromasil® Silica HPLC Column, 13 µm particle size, pore size 60 Å, L x I.D. 250 mm x 21.2 mm	K08971023	LiChrosorb® RP-8 HPLC Guard Cartridge, 5 µm particle size, L x I.D. 1 cm x 4.6 mm	54966
Kromasil® Silica HPLC Column, 13 µm particle size, pore size 60 Å, L x I.D. 250 mm x 50 mm	K08971028	LiChrosorb® RP-18 HPLC Guard Cartridge, 5 µm particle size, L x I.D. 1 cm x 4.6 mm	54965-U
Kromasil® Silica HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 100 mm x 21.2 mm	K08971015	LiChrosorb® Si-60 HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	50112-U
Kromasil® Silica HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 150 mm x 4.6 mm	K08971001	LiChrospher® CN HPLC Column, 5 µm particle size, L x I.D. 12.5 cm x 4 mm	50131-U
Kromasil® Silica HPLC Column, 13 µm particle size, pore size 100 Å, L x I.D. 150 mm x 21.2 mm	K08971019	LiChrospher® CN HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	54788

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
LiChrospher® CN HPLC Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	54798
LiChrospher® Guard Cartridge	50948-U
LiChrospher® NH2 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	54782
LiChrospher® NH2 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.2 mm	54785
LiChrospher® NH2 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	54784
LiChrospher® NH2 HPLC Column, 5 µm particle size, L × I.D. 30 cm × 4 mm	50132-U
LiChrospher® NH2 HPLC Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	54796-U
LiChrospher® RP-8 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4 mm	50141-U
LiChrospher® RP-8 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4.6 mm	50140-U
LiChrospher® RP-8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	54778
LiChrospher® RP-8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	54780
LiChrospher® RP-18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3.2 mm	54775
LiChrospher® RP-18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.2 mm	54777
LiChrospher® RP-18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	54774
LiChrospher® RP-18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	54776
LiChrospher® RP-18 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4.6 mm	50136-U
LiChrospher® RP-18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4 mm	50137-U
LiChrospher® RP-18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm, endcapped	50139-U
LiChrospher® RP-18 HPLC Column	50143-U
LiChrospher® RP-18 HPLC Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	54794
LiChrospher® RP-Select B HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4 mm	50146-U
LiChrospher® RP-Select B HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	50148-U
LiChrospher® Si-60 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	54790-U
LiChrospher® Si-60 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	54792
LiChrospher® Si-60 HPLC Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	54797-U
Low Dead Volume Precolumn Filter with 0.5 µm Stainless Steel Frit, pkg of 1 ea	803410
Mini Q™ 4.6/50 PE	GE17-5177-01
Mini S™ 4.6/50 PE	GE17-5178-01
Mini Q™ PC 3.2/3	GE17-0686-01
Mini S™ PC 3.2/3	GE17-0687-01
Mono Q® 10/100 GL	GE17-5167-01
Mono S® 10/100 GL	GE17-5169-01
Mono P® 5/200 GL	GE17-5171-01
Mono Q® 4.6/100 PE	GE17-5179-01
Mono S® 4.6/100 PE	GE17-5180-01
Mono Q® 5/50 GL	GE17-5166-01
Mono S® 5/50 GL	GE17-5168-01
Mono Q® HR 16/10	GE17-0506-01
Mono S® HR 16/10	GE17-0507-01
Mono Q® PC 1.6/5	GE17-0671-01
Mono S® PC 1.6/5	GE17-0672-01
Nucleosil® C18 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 3.2 mm	54917

* Name	Catalog Number
Nucleosil® C18 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4 mm, matrix octadecyl	50178-U
Nucleosil® C18 HPLC Column, 3 µm particle size, L × I.D. 7.5 cm × 4.6 mm	50179-U
Nucleosil® C18 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	2226165
Nucleosil® C18 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	50159-U
Nucleosil® C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3.2 mm	54918
Nucleosil® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.2 mm	54919
Nucleosil® C18 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4 mm	50165-U
Nucleosil® C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	50161-U
Nucleosil® C18 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm, matrix octadecyl	50181-U
Nucleosil® C18 HPLC Column, pore size 100 Å, 5 µm particle size, L × I.D. 12.5 cm × 4.6 mm	50164-U
Nucleosil® C18 HPLC Column, pore size 120 Å, 5 µm particle size, L × I.D. 12.5 cm × 4.6 mm	50184-U
Nucleosil® C18 HPLC Column, pore size 120 Å, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50188-U
Nucleosil® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	2226181
Nucleosil® C18 HPLC Column, L × I.D. 25 cm × 4.6 mm	50189-U
Nucleosil® C18 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4 mm	50166-U
Nucleosil® C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	50191-U
Nucleosil® C18 HPLC Column, 10 µm particle size, L × I.D. 20 cm × 4 mm	50151-U
Nucleosil® C18 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	2226173
Nucleosil® C18 HPLC Column, pore size 100 Å, 10 µm particle size, L × I.D. 25 cm × 4.6 mm	50152-U
Nucleosil® C18 HPLC Column, pore size 120 Å, 10 µm particle size, L × I.D. 25 cm × 4.6 mm	50177-U
Nucleosil® C8 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	2226203
Nucleosil® C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	2226211
Nucleosil® C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.2 mm	54922
Nucleosil® C8 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4 mm	50154-U
Nucleosil® C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	2226238
Nucleosil® CN HPLC Column, 5 µm particle size, L × I.D. 10 cc × 4.6 mm	50171-U
Nucleosil® CN HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3.2 mm	54924
Nucleosil® CN HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	2226254
Nucleosil® CN HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	2226262
Nucleosil® CN HPLC Guard Column, 5 µm particle size, pkg of 4 ea, L × I.D. 1 cm × 4.6 mm	2227161
Nucleosil® Guard Column, phase C18 (octadecyl), 5 µm particle size, L × I.D. 1 cm × 4.6 mm	2227137
Nucleosil® Guard Column, phase C8 (octyl), 5 µm particle size, L × I.D. 1 cm × 4.6 mm	2227145
Nucleosil® Guard Column, phase silica, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	2227129
Nucleosil® Guard Column, phase phenyl, 7 µm particle size, L × I.D. 1 cm × 4.6 mm	2227153
Nucleosil® NH2 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3.2 mm	54926

* Name	Catalog Number
Nucleosil® NH2 HPLC Column, 5 µm particle size, L x I. D. 25 cm x 4.6 mm	Z226289
Nucleosil® NH2 HPLC Guard Column, 5 µm particle size, L x I.D. 1 cm x 4.6 mm	Z227188
Nucleosil® Phenyl HPLC Column, 7 µm particle size, L x I.D. 25 cm x 4.6 mm	Z226246
Nucleosil® SA (sulphonic acid) HPLC Column, 5 µm particle size, L x I.D. 10 cm x 2.1 mm, surface area 350 m ² /g	50172-U
Nucleosil® SA (sulphonic acid) HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	50173-U
Nucleosil® SA (sulphonic acid) HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	50174-U
Nucleosil® SA (sulphonic acid) HPLC Column, 10 µm, L x I.D. 25 cm x 4.6 mm	50157-U
Nucleosil® SB (quaternary ammonium) HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	50175-U
Nucleosil® SB (quaternary ammonium) HPLC Column, 5 µm particle size, L x I.D. 5 cm x 4.6 mm	50176-U
Nucleosil® Si HPLC Column, 5 µm particle size, L x I. D. 15 cm x 4.6 mm	Z226149
Nucleosil® Si HPLC Column, 5 µm particle size, L x I. D. 25 cm x 4.6 mm	Z226157
Partisil™ ODS2 EXCEL HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	50238-U
Partisil™ 5 ODS3 HPLC Column, 5 µm particle size, L x I.D. 10 cm x 4.6 mm	50204-U
Partisil™ 5 ODS HPLC Column, 5 µm particle size, L x I.D. 15 cm x 4.6 mm	50207-U
Partisil™ 5 ODS HPLC Column, phase C18 (octadecyl), 5 µm particle size, L x I.D. 25 cc x 4.6 mm	50208-U
Partisil™ 10 ODS HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	50192-U
Partisil™ 10 SAX HPLC Column, pore size 85 Å, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	50193-U
Partisil™ 10 SCX HPLC Column, 10 µm particle size, L x I.D. 25 cm x 4.6 mm	50197-U
Partisil™ Si HPLC Column, 5 µm particle size, L x I.D. 25 cm x 4.6 mm	50201-U
Pre-Injector Membrane Filter Holder, SS, pkg of 1 ea	814594
Proteomix® HIC Butyl-NP5, Guard cartridge with holder, 5 µm, NP, L x I.D. 10 mm x 4 mm	61863-U
Proteomix® HIC Butyl-NP5, 5µm, NP, L x I.D. 50 mm x 2.1 mm	61862-U
Proteomix® HIC Ethyl-NP5, Guard Cartridge with holder, 5 µm, NP, L x I.D. 10 mm x 4 mm	61868-U
Proteomix® HIC Ethyl-NP5, 5 µm, NP, L x I.D. 35 mm x 4.6 mm	61869-U
Proteomix® HIC Ethyl-NP5, 5 µm, NP	61870-U
Proteomix® HIC Ethyl-NP5, 5 µm, NP, L x I.D. 50 mm x 7.8 mm	61871-U
Proteomix® HIC Phenyl-NP5, Guard cartridge with holder, L x I.D. 10 mm x 4 mm	61873-U
Proteomix® HIC Phenyl-NP5, 5 µm, NP, L x I.D. 35 mm x 4.6 mm	61874-U
Proteomix® HIC Phenyl-NP5, 5 µm, NP, L x I.D. 50 mm x 7.8 mm	61878-U
Proteomix® HIC Phenyl-NP5, 5 µm, NP, L x I.D. 100 mm x 4.6 mm	61876-U
Proteomix® HIC Propyl-NP5, 5 µm, NP, L x I.D. 100 mm x 4.6 mm	61883-U
Proteomix® HIC Propyl-NP5, 5 µm, NP, L x I.D. 35 mm x 4.6 mm	61881-U
Proteomix® HIC Propyl-NP5, 5 µm, NP, L x I.D. 50 mm x 7.8 mm	61884-U
Proteomix® HIC Propyl-NP5, 5 µm, NP, L x I.D. 10 mm x 4 mm	61879-U
Proteomix® SAX-NP10 Strong Anion Exchange Column, L x I.D. 5 cm x 2.1 mm, 10 µm particle size, stainless steel	Z777200

* Name	Catalog Number
Proteomix® SAX-NP10 Strong Anion Exchange Column, L x I.D. 25 cm x 2.1 mm, 10 µm particle size, stainless steel	Z777201
Proteomix® SAX-NP10 Strong Anion Exchange Column, L x I.D. 5 cm x 4.6 mm, 10 µm particle size, stainless steel	Z777203
Proteomix® SAX-NP10 Strong Anion Exchange Column, L x I.D. 25 cm x 4.6 mm, 10 µm particle size, stainless steel	Z777204
Proteomix® SAX-NP10 Strong Anion Exchange Column, L x I.D. 5 cm x 2.1 mm, 10 µm particle size, PEEK	Z777205
Proteomix® SAX-NP10 Strong Anion Exchange Column, L x I.D. 25 cm x 2.1 mm, 10 µm particle size, PEEK	Z777206
Proteomix® SAX-NP10 Strong Anion Exchange Column, L x I.D. 5 cm x 4.6 mm, 10 µm particle size, PEEK	Z777207
Proteomix® SAX-NP10 Strong Anion Exchange Column, L x I.D. 25 cm x 4.6 mm, 10 µm particle size, PEEK	Z777208
Proteomix® SAX-NP10 Strong Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 2 mm, 10 µm particle size, stainless steel	Z777199
Proteomix® SAX-NP10 Strong Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 4 mm, 10 µm particle size, stainless steel	Z777202
Proteomix® SAX-NP1.7 Strong Anion Exchange Column, L x I.D. 3 cm x 2.1 mm, 1.7 µm particle size, stainless steel	Z777210
Proteomix® SAX-NP1.7 Strong Anion Exchange Column, L x I.D. 5 cm x 2.1 mm, 1.7 µm particle size, stainless steel	Z777211
Proteomix® SAX-NP1.7 Strong Anion Exchange Column, L x I.D. 3 cm x 4.6 mm, 1.7 µm particle size, stainless steel	Z777213
Proteomix® SAX-NP1.7 Strong Anion Exchange Column, L x I.D. 5 cm x 4.6 mm, 1.7 µm particle size, stainless steel	Z777214
Proteomix® SAX-NP1.7 Strong Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 2 mm, 1.7 µm particle size, stainless steel	Z777209
Proteomix® SAX-NP1.7 Strong Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 4 mm, 1.7 µm particle size, stainless steel	Z777212
Proteomix® SAX-NP3 Strong Anion Exchange Column, L x I.D. 3 cm x 2.1 mm, 3 µm particle size, stainless steel	Z777216
Proteomix® SAX-NP3 Strong Anion Exchange Column, L x I.D. 5 cm x 2.1 mm, 3 µm particle size	Z777217
Proteomix® SAX-NP3 Strong Anion Exchange Column, L x I.D. 5 cm x 4.6 mm, 3 µm particle size	Z777219
Proteomix® SAX-NP3 Strong Anion Exchange Column, L x I.D. 15 cm x 4.6 mm, 3 µm particle size	Z777220
Proteomix® SAX-NP3 Strong Anion Exchange Column, L x I.D. 5 cm x 2.1 mm, 3 µm particle size, PEEK	Z777221
Proteomix® SAX-NP3 Strong Anion Exchange Column, L x I.D. 5 cm x 4.6 mm, 3 µm particle size, PEEK	Z777222
Proteomix® SAX-NP3 Strong Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 2 mm, 3 µm particle size, stainless steel	Z777215
Proteomix® SAX-NP3 Strong Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 4 mm, 3 µm particle size	Z777218
Proteomix® SAX-NP5 Strong Anion Exchange Column, L x I.D. 5 cm x 2.1 mm, 5 µm particle size	Z777224
Proteomix® SAX-NP5 Strong Anion Exchange Column, L x I.D. 15 cm x 2.1 mm, 5 µm particle size	Z777225
Proteomix® SAX-NP5 Strong Anion Exchange Column, L x I.D. 5 cm x 4.6 mm, 5 µm particle size	Z777227
Proteomix® SAX-NP5 Strong Anion Exchange Column, L x I.D. 15 cm x 4.6 mm, 5 µm particle size	Z777228
Proteomix® SAX-NP5 Strong Anion Exchange Column, L x I.D. 25 cm x 4.6 mm, 5 µm particle size	Z777229

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
Proteomix® SAX-NP5 Strong Anion Exchange Column, L x I.D. 5 cm x 2.1 mm, 5 µm particle size, PEEK	Z777230
Proteomix® SAX-NP5 Strong Anion Exchange Column, L x I.D. 5 cm x 4.6 mm, 5 µm particle size, PEEK	Z777231
Proteomix® SAX-NP5 Strong Anion Exchange Column, L x I.D. 25 cm x 4.6 mm, 5 µm particle size, PEEK	Z777232
Proteomix® SAX-NP5 Strong Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 2 mm, 5 µm particle size	Z777223
Proteomix® SAX-NP5 Strong Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 4 mm, 5 µm particle size	Z777226
Proteomix® SCX-NP10 Strong Cation Exchange Column, L x I.D. 5 cm x 2.1 mm, 10 µm particle size, stainless steel	Z777132
Proteomix® SCX-NP10 Strong Cation Exchange Column, L x I.D. 5 cm x 4.6 mm, 10 µm particle size, PEEK	Z777139
Proteomix® SCX-NP10 Strong Cation Exchange Column, L x I.D. 25 cm x 2.1 mm, 10 µm particle size, stainless steel	Z777133
Proteomix® SCX-NP10 Strong Cation Exchange Column, L x I.D. 5 cm x 4.6 mm, 10 µm particle size, stainless steel	Z777135
Proteomix® SCX-NP10 Strong Cation Exchange Column, L x I.D. 25 cm x 4.6 mm, 10 µm particle size, stainless steel	Z777136
Proteomix® SCX-NP10 Strong Cation Exchange Column, L x I.D. 5 cm x 2.1 mm, 10 µm particle size, PEEK	Z777137
Proteomix® SCX-NP10 Strong Cation Exchange Column, L x I.D. 25 cm x 2.1 mm, 10 µm particle size, PEEK	Z777138
Proteomix® SCX-NP10 Strong Cation Exchange Column, L x I.D. 25 cm x 4.6 mm, 10 µm particle size, PEEK	Z777140
Proteomix® SCX-NP10 Strong Cation Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 2 mm, 10 µm particle size, stainless steel	Z777131
Proteomix® SCX-NP10 Strong Cation Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 4 mm, 10 µm particle size, stainless steel	Z777134
Proteomix® SCX-NP1.7 Strong Cation Exchange Column, L x I.D. 5 cm x 4.6 mm, 1.7 µm particle size, stainless steel	Z777146
Proteomix® SCX-NP1.7 Strong Cation Exchange Column, L x I.D. 3 cm x 2.1 mm, 1.7 µm particle size, stainless steel	Z777142
Proteomix® SCX-NP1.7 Strong Cation Exchange Column, L x I.D. 5 cm x 2.1 mm, 1.7 µm particle size, stainless steel	Z777143
Proteomix® SCX-NP1.7 Strong Cation Exchange Column, L x I.D. 3 cm x 4.6 mm, 1.7 µm particle size, stainless steel	Z777145
Proteomix® SCX-NP1.7 Strong Cation Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 2 mm, 1.7 µm particle size, stainless steel	Z777141
Proteomix® SCX-NP1.7 Strong Cation Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 4 mm, 1.7 µm particle size, stainless steel	Z777144
Proteomix® SCX-NP3 Strong Cation Exchange Column, L x I.D. 5 cm x 2.1 mm, 3 µm particle size, PEEK	Z777153
Proteomix® SCX-NP3 Strong Cation Exchange Column, L x I.D. 3 cm x 2.1 mm, 3 µm particle size, stainless steel	Z777148
Proteomix® SCX-NP3 Strong Cation Exchange Column, L x I.D. 5 cm x 2.1 mm, 3 µm particle size, stainless steel	Z777149
Proteomix® SCX-NP3 Strong Cation Exchange Column, L x I.D. 15 cm x 4.6 mm, 3 µm particle size, stainless steel	Z777152
Proteomix® SCX-NP3 Strong Cation Exchange Column, L x I.D. 5 cm x 4.6 mm, 3 µm particle size, PEEK	Z777154

* Name	Catalog Number
Proteomix® SCX-NP3 Strong Cation Exchange Column, L x I.D. 5 cm x 4.6 mm, 3 µm particle size, stainless steel	Z777151
Proteomix® SCX-NP3 Strong Cation Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 2 mm, 3 µm particle size, stainless steel	Z777147
Proteomix® SCX-NP3 Strong Cation Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 4 mm, 3 µm particle size, stainless steel	Z777150
Proteomix® SCX-NP5 Strong Cation Exchange Column, L x I.D. 5 cm x 4.6 mm, 5 µm particle size, stainless steel	Z777159
Proteomix® SCX-NP5 Strong Cation Exchange Column, L x I.D. 5 cm x 2.1 mm, 5 µm particle size, stainless steel	Z777156
Proteomix® SCX-NP5 Strong Cation Exchange Column, L x I.D. 15 cm x 2.1 mm, 5 µm particle size, stainless steel	Z777157
Proteomix® SCX-NP5 Strong Cation Exchange Column, L x I.D. 25 cm x 4.6 mm, 5 µm particle size, stainless steel	Z777161
Proteomix® SCX-NP5 Strong Cation Exchange Column, L x I.D. 5 cm x 2.1 mm, 5 µm particle size, PEEK	Z777162
Proteomix® SCX-NP5 Strong Cation Exchange Column, L x I.D. 5 cm x 4.6 mm, 5 µm particle size, PEEK	Z777163
Proteomix® SCX-NP5 Strong Cation Exchange Column, L x I.D. 25 cm x 4.6 mm, 5 µm particle size, PEEK	Z777164
Proteomix® SCX-NP5 Strong Cation Exchange Column, L x I.D. 15 cm x 4.6 mm, 5 µm particle size, stainless steel	Z777160
Proteomix® SCX-NP5 Strong Cation Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 2 mm, 5 µm particle size, stainless steel	Z777155
Proteomix® SCX-NP5 Strong Cation Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 4 mm, 5 µm particle size, stainless steel	Z777158
Proteomix® WAX-NP10 Weak Anion Exchange Column, L x I.D. 5 cm x 2.1 mm, 10 µm particle size	Z777234
Proteomix® WAX-NP10 Weak Anion Exchange Column, L x I.D. 25 cm x 2.1 mm, 10 µm particle size	Z777235
Proteomix® WAX-NP10 Weak Anion Exchange Column, L x I.D. 5 cm x 4.6 mm, 10 µm particle size	Z777237
Proteomix® WAX-NP10 Weak Anion Exchange Column, L x I.D. 25 cm x 4.6 mm, 10 µm particle size	Z777238
Proteomix® WAX-NP10 Weak Anion Exchange Column, L x I.D. 5 cm x 2.1 mm, 10 µm particle size, PEEK	Z777239
Proteomix® WAX-NP10 Weak Anion Exchange Column, L x I.D. 25 cm x 2.1 mm, 10 µm particle size, PEEK	Z777240
Proteomix® WAX-NP10 Weak Anion Exchange Column, L x I.D. 5 cm x 4.6 mm, 10 µm particle size, PEEK	Z777241
Proteomix® WAX-NP10 Weak Anion Exchange Column, L x I.D. 25 cm x 4.6 mm, 10 µm particle size, PEEK	Z777242
Proteomix® WAX-NP10 Weak Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 2 mm, 10 µm particle size	Z777233
Proteomix® WAX-NP10 Weak Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 4 mm, 10 µm particle size	Z777236
Proteomix® WAX-NP1.7 Weak Anion Exchange Column, L x I.D. 3 cm x 2.1 mm, 1.7 µm particle size	Z777244
Proteomix® WAX-NP1.7 Weak Anion Exchange Column, L x I.D. 5 cm x 2.1 mm, 1.7 µm particle size	Z777245
Proteomix® WAX-NP1.7 Weak Anion Exchange Column, L x I.D. 3 cm x 4.6 mm, 1.7 µm particle size	Z777247
Proteomix® WAX-NP1.7 Weak Anion Exchange Column, L x I.D. 5 cm x 4.6 mm, 1.7 µm particle size	Z777248
Proteomix® WAX-NP1.7 Weak Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 2 mm, 1.7 µm particle size	Z777243
Proteomix® WAX-NP1.7 Weak Anion Exchange Guard Cartridge and Holder, L x I.D. 1 cm x 4 mm, 1.7 µm particle size	Z777246

* Name	Catalog Number
Proteomix® WAX-NP3 Weak Anion Exchange Column, L × I.D. 3 cm × 2.1 mm, 3 µm particle size	Z777250
Proteomix® WAX-NP3 Weak Anion Exchange Column, L × I.D. 5 cm × 2.1 mm, 3 µm particle size	Z777251
Proteomix® WAX-NP3 Weak Anion Exchange Column, L × I.D. 5 cm × 4.6 mm, 3 µm particle size	Z777253
Proteomix® WAX-NP3 Weak Anion Exchange Column, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	Z777254
Proteomix® WAX-NP3 Weak Anion Exchange Column, L × I.D. 5 cm × 2.1 mm, 3 µm particle size, PEEK	Z777255
Proteomix® WAX-NP3 Weak Anion Exchange Column, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, PEEK	Z777256
Proteomix® WAX-NP3 Weak Anion Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 2 mm, 3 µm particle size	Z777249
Proteomix® WAX-NP3 Weak Anion Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 4 mm, 3 µm particle size	Z777252
Proteomix® WAX-NP5 Weak Anion Exchange Column, L × I.D. 5 cm × 2.1 mm, 5 µm particle size	Z777258
Proteomix® WAX-NP5 Weak Anion Exchange Column, L × I.D. 15 cm × 2.1 mm, 5 µm particle size	Z777259
Proteomix® WAX-NP5 Weak Anion Exchange Column, L × I.D. 5 cm × 4.6 mm, 5 µm particle size	Z777261
Proteomix® WAX-NP5 Weak Anion Exchange Column, L × I.D. 15 cm × 4.6 mm, 5 µm particle size	Z777262
Proteomix® WAX-NP5 Weak Anion Exchange Column, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	Z777263
Proteomix® WAX-NP5 Weak Anion Exchange Column, L × I.D. 5 cm × 2.1 mm, 5 µm particle size, PEEK	Z777264
Proteomix® WAX-NP5 Weak Anion Exchange Column, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777265
Proteomix® WAX-NP5 Weak Anion Exchange Column, L × I.D. 25 cm × 4.6 mm, 5 µm particle size, PEEK	Z777266
Proteomix® WAX-NP5 Weak Anion Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 2 mm, 5 µm particle size	Z777257
Proteomix® WAX-NP5 Weak Anion Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 4 mm, 5 µm particle size	Z777260
Proteomix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 10 µm particle size, stainless steel	Z777166
Proteomix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 25 cm × 2.1 mm, 10 µm particle size, stainless steel	Z777167
Proteomix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 25 cm × 4.6 mm, 10 µm particle size, stainless steel	Z777170
Proteomix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 10 µm particle size, PEEK	Z777171
Proteomix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 25 cm × 2.1 mm, 10 µm particle size, PEEK	Z777172
Proteomix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 10 µm particle size, PEEK	Z777173
Proteomix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 10 µm particle size, stainless steel	Z777169
Proteomix® WCX-NP10 Weak Cation Exchange Column, L × I.D. 25 cm × 4.6 mm, 10 µm particle size, PEEK	Z777174
Proteomix® WCX-NP10 Weak Cation Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 4 mm, 10 µm particle size, stainless steel	Z777168
Proteomix® WCX-NP10 Weak Cation Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 2 mm, 10 µm particle size, stainless steel	Z777165
Proteomix® WCX-NP1.7 Weak Cation Exchange Column, L × I.D. 3 cm × 2.1 mm, 1.7 µm particle size, stainless steel	Z777176

* Name	Catalog Number
Proteomix® WCX-NP1.7 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 1.7 µm particle size, stainless steel	Z777177
Proteomix® WCX-NP1.7 Weak Cation Exchange Column, L × I.D. 3 cm × 4.6 mm, 1.7 µm particle size, stainless steel	Z777179
Proteomix® WCX-NP1.7 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 1.7 µm particle size, stainless steel	Z777180
Proteomix® WCX-NP1.7 Weak Cation Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 2 mm, 1.7 µm particle size, stainless steel	Z777175
Proteomix® WCX-NP1.7 Weak Cation Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 4 mm, 1.7 µm particle size, stainless steel	Z777178
Proteomix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 3 cm × 2.1 mm, 3 µm particle size, stainless steel	Z777182
Proteomix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 3 µm particle size, stainless steel	Z777183
Proteomix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777185
Proteomix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 15 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777186
Proteomix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 3 µm particle size, PEEK	Z777187
Proteomix® WCX-NP3 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, PEEK	Z777188
Proteomix® WCX-NP3 Weak Cation Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 2 mm, 3 µm particle size, stainless steel	Z777181
Proteomix® WCX-NP3 Weak Cation Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 4 mm, 3 µm particle size, stainless steel	Z777184
Proteomix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 5 µm particle size, stainless steel	Z777190
Proteomix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 15 cm × 2.1 mm, 5 µm particle size, stainless steel	Z777191
Proteomix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777193
Proteomix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 15 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777194
Proteomix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 25 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777195
Proteomix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 5 cm × 2.1 mm, 5 µm particle size, PEEK	Z777196
Proteomix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777197
Proteomix® WCX-NP5 Weak Cation Exchange Column, L × I.D. 25 cm × 4.6 mm, 5 µm particle size, PEEK	Z777198
Proteomix® WCX-NP5 Weak Cation Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 2 mm, 5 µm particle size, stainless steel	Z777189
Proteomix® WCX-NP5 Weak Cation Exchange Guard Cartridge and Holder, L × I.D. 1 cm × 4 mm, 5 µm particle size, stainless steel	Z777192
Replacement 0.5 µm stainless steel frits for 2 mm I.D. TSKgel® columns, pkg of 10 ea	803411
SOURCE™ 15PHE 4.6/100 PE	GE17-5186-01
SOURCE™ 15S 4.6/100 PE	GE17-5182-01
SOURCE™ 15Q 4.6/100 PE	GE17-5181-01
SOURCE™ 15RPC ST 4.6/100, pkg of 1 column	GE17-5068-01
Spherisorb® C6 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50226-U

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
Spherisorb® C8 Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	Z226998
Spherisorb® C8 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	Z226084
Spherisorb® C8 HPLC Column, phase C8 (octyl), 5 µm particle size, L × I.D. 25 cm × 3.2 mm	54908
Spherisorb® C8 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	Z226092
Spherisorb® CN Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	Z227013
Spherisorb® CN HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	50228-U
Spherisorb® CN HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	Z226114
Spherisorb® CN HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.6 mm	50211-U
Spherisorb® NH2 Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	Z227021
Spherisorb® NH2 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.2 mm	54911-U
Spherisorb® NH2 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	Z226122
Spherisorb® ODS1 HPLC Column, 5 µm particle size, L × I.D. 12.5 cm × 4.6 mm	50231-U
Spherisorb® ODS1 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50233-U
Spherisorb® ODS1 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4 mm	50222-U
Spherisorb® ODS1 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.2 mm	50235-U
Spherisorb® ODS1 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	50234-U
Spherisorb® ODS1 HPLC Column, 10 µm particle size, L × I.D. 25 cm × 4.6 mm	50221-U
Spherisorb® ODS2 HPLC Column, 5 µm particle size, L × I.D. 10 cm × 4.6 mm	50236-U
Spherisorb® ODS2 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4 mm	50237-U
Spherisorb® ODS2 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 3.2 mm	54903
Spherisorb® ODS2 HPLC Column, 3 µm particle size, L × I.D. 10 cm × 4.6 mm	Z226033
Spherisorb® ODS2 HPLC Column, 3 µm particle size, L × I.D. 15 cm × 4.6 mm	50223-U
Spherisorb® ODS2 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3 mm	54904
Spherisorb® ODS2 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.2 mm	54905
Spherisorb® ODS2 HPLC Column, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	Z226041
Spherisorb® ODS2 HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	Z226068
Spherisorb® ODS Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	Z226971
Spherisorb® Phenyl HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	Z226106
Spherisorb® SAX HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	Z226130
Spherisorb® SCX HPLC Column, 5 µm particle size, L × I.D. 10 cm × 2.1 mm	50244-U
Spherisorb® Si Guard Cartridge, 5 µm particle size, L × I.D. 1 cm × 4.6 mm	Z226963
Spherisorb® Si HPLC Column, 5 µm particle size, L × I.D. 15 cm × 3.2 mm	54901
Spherisorb® Si HPLC Column, 5 µm particle size, L × I.D. 25 cm × 3.2 mm	54902
Spherisorb® Si HPLC Column, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	Z226025
SRT® SEC-1000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777065

* Name	Catalog Number
SRT® SEC-1000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777061
SRT® SEC-1000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777063
SRT®-C SEC-1000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777120
SRT®-C SEC-1000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777122
SRT®-C SEC-1000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777124
SRT® SEC-1000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777062
SRT® SEC-1000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777064
SRT® SEC-1000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777060
SRT®-C SEC-1000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777121
SRT®-C SEC-1000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777119
SRT®-C SEC-1000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777123
SRT® SEC-100 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, stainless steel	Z777037
SRT® SEC-100 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, stainless steel	Z777039
SRT® SEC-100 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, PEEK	Z777041
SRT®-C SEC-100 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777096
SRT®-C SEC-100 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777098
SRT®-C SEC-100 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777100
SRT® SEC-100 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, PEEK	Z777040
SRT® SEC-100 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, stainless steel	Z777036
SRT® SEC-100 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, stainless steel	Z777038
SRT®-C SEC-100 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777095
SRT®-C SEC-100 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777097
SRT®-C SEC-100 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777099
SRT® SEC-150 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777047
SRT® SEC-150 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777043
SRT® SEC-150 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777045
SRT®-C SEC-150 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777102
SRT®-C SEC-150 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777104
SRT®-C SEC-150 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777106
SRT® SEC-150 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777042
SRT® SEC-150 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777044
SRT® SEC-150 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777046

* Name	Catalog Number	* Name	Catalog Number
SRT®-C SEC-150 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777101	SRT®-C SEC-500 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777118
SRT®-C SEC-150 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777103	SRT® SEC-500 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777054
SRT®-C SEC-150 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777105	SRT® SEC-500 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777056
SRT® SEC-2000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777069	SRT®-C SEC-500 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777115
SRT® SEC-2000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777067	SRT®-C SEC-500 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777113
SRT® SEC-2000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777071	SRT®-C SEC-500 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777117
SRT®-C SEC-2000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777126	Superdex® 75 5/150 GL, GE Healthcare, 28-9205-04, column L × I.D. 15 cm × 5 mm, 13 µm avg. part. size	GE28-9205-04
SRT®-C SEC-2000 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777130	Superdex® 200 Increase 5/150 GL, GE Healthcare, 28-9909-45, column L × I.D. 15 cm × 5 mm, 8.6 µm particle size	GE28-9909-45
SRT® SEC-2000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777066	Superdex® 200 Increase 10/300 GL, GE Healthcare, 28-9909-44, column L × I.D. 30 cm × 10 mm, 8.6 µm particle size	GE28-9909-44
SRT® SEC-2000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777068	Superdex® 200 Increase 3.2/300, GE Healthcare, 28-9909-46, column L × I.D. 30 cm × 3.2 mm, 8.6 µm particle size	GE28-9909-46
SRT® SEC-2000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777070	Superdex® 75 10/300 GL, GE Healthcare, 17-5174-01, column L × I.D. 30 cm × 10 mm, 13 µm avg. part. size	GE17-5174-01
SRT®-C SEC-2000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777129	Superdex® Increase 75, 10/300 GL, GE Healthcare, 29-1487-21, column L × I.D. 30 cm × 10 mm, 9 µm avg. part. size	GE29-1487-21
SRT®-C SEC-2000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777125	Superdex® Increase 75, 5/150 GL, GE Healthcare, 29-1487-22, column L × I.D. 15 cm × 5 mm, 9 µm avg. part. size	GE29-1487-22
SRT®-C SEC-2000 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777127	Superdex® Increase 75, 3.2/300 GL, GE Healthcare, 29-1487-23, column L × I.D. 30 cm × 3.2 mm, 9 µm avg. part. size	GE29-1487-23
SRT® SEC-300 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777049	Superdex® 75 PC 3.2/300, GE Healthcare, 29-0362-30, column L × I.D. 30 cm × 3.2 mm, 13 µm avg. part. size	GE29-0362-30
SRT® SEC-300 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777051	Superdex® Peptide 10/300 GL, GE Healthcare, 17-5176-01, column L × I.D. 30 cm × 10 mm, 13 µm avg. part. size	GE17-5176-01
SRT® SEC-300 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777053	Superdex® Peptide PC 3.2/300, GE Healthcare, 29-0362-31, column L × I.D. 30 cm × 3.2 mm, 13 µm avg. part. size	GE29-0362-31
SRT®-C SEC-300 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777108	Superose® 6 10/300 GL, GE Healthcare, 17-5172-01, column L × I.D. 30 cm × 10 mm, 13 µm avg. part. size	GE17-5172-01
SRT®-C SEC-300 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777110	Superose® 12 10/300 GL, GE Healthcare, 17-5173-01, column L × I.D. 30 cm × 10 mm, 11 µm avg. part. size	GE17-5173-01
SRT®-C SEC-300 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777112	Superose® 6 3.2/300, GE Healthcare, 29-0362-26, 13 µm particle size	GE29036226 GE29-0362-26
SRT® SEC-300 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777048	Superose® 12 3.2/300, GE Healthcare, 29-0362-25, column L × I.D. 30 cm × 3.2 mm, 11 µm avg. part. size	GE29-0362-25
SRT® SEC-300 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777050	Superose® 6 Increase, GE Healthcare, 29-0915-98, 8.6 µm avg. part. size, 3.2/300	GE29-0915-98
SRT® SEC-300 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777052	Superose® 6 Increase 5/150 GL, GE Healthcare, 29-0915-97, 8.6 µm avg. part. size, 5/150 GL	GE29-0915-97
SRT®-C SEC-300 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777109	Superose® 6 Increase 10/300 GL, GE Healthcare, 29-0915-96, 10/300 GL	GE29-0915-96
SRT®-C SEC-300 Gel Filtration Guard Column, 5 µm, L × I.D. 5 cm × 4.6 mm, 5 µm particle size, PEEK	Z777111	Superspher® HPLC Column, phase C18 (octadecyl), 4 µm particle size, L × I.D. 25 cm × 4 mm	50245-U
SRT® SEC-500 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777057	Superspher® HPLC Column, phase C8 (octyl), 4 µm particle size, L × I.D. 12.5 cm × 4 mm	50248-U
SRT® SEC-500 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777055	Proteomix® HIC Butyl-NP5, 5µm, NP, L × I.D. 35 mm × 4.6 mm	61864-U
SRT® SEC-500 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, PEEK	Z777059	Proteomix® HIC Butyl-NP5, 5µm, NP, L × I.D. 100 mm × 4.6 mm	61865-U
SRT®-C SEC-500 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 4.6 mm, 5 µm particle size, stainless steel	Z777114	Proteomix® HIC Butyl-NP5, 5µm, NP, L × I.D. 150 mm × 4.6 mm	61866-U
SRT®-C SEC-500 Gel Filtration Column, 5 µm, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, stainless steel	Z777116		

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
Proteomix® HIC Butyl-NP5, 5µm, NP, L × I.D. 50 mm × 7.8 mm	61867-U
TOYOPEARL GigaCap® S-650M Bulk Media, phase sulphonyl, bottle of 100 mL, 75 µm particle size	821833
TSKgel® CN-80Ts Guard Cartridge, phase cyano, L × I.D. 1.5 cm × 3.2 mm, 5 µm particle size, pkg of 3 ea	819013
TSKgel® DEAE-5PW HPLC Column, phase diethylaminoethyl, L × I.D. 15 cm × 20 mm, 13 µm particle size	814016
TSKgel® DEAE-5PW HPLC Column, phase diethylaminoethyl, L × I.D. 5 cm × 5 mm, 10 µm particle size	813061
TSKgel® DEAE-5PW HPLC Column, phase diethylaminoethyl, L × I.D. 7.5 cm × 8 mm, 10 µm particle size	808802
TSKgel® DEAE-5PW HPLC Column, phase diethylaminoethyl, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	807164
TSKgel® DEAE-5PW HPLC Column, phase diethylaminoethyl, L × I.D. 15 cm × 21.5 mm, 13 µm particle size	807574
TSKgel® DEAE-5PW HPLC Column, phase diethylaminoethyl, L × I.D. 7.5 cm × 2 mm, 10 µm particle size	818757
TSKgel® DEAE-NPR HPLC Column, phase diethylaminoethyl, L × I.D. 3.5 cm × 4.6 mm, 2.5 µm particle size	813075
TSKgel® DNA-NPR HPLC Column, phase diethylaminoethyl, L × I.D. 7.5 cm × 4.6 mm, 2.5 µm particle size	818249
TSKgel® Octyl-80Ts Guard Cartridge, phase C8 (octyl), L × I.D. 1.5 cm × 3.2 mm, 5 µm particle size, pkg of 3 ea	819012
TSKgel® SuperQ-5PW HPLC Column, phase ammonium, quaternary, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	818257
TSKgel® SuperQ-5PW HPLC Column, phase ammonium, quaternary, L × I.D. 15 cm × 21.5 mm, 13 µm particle size	818387
TSKgel® SuperQ-5PW HPLC Column, phase quaternary ammonium, L × I.D. 7.5 cm × 8 mm, 10 µm particle size, glass	818386
TSKgel® Tresyl-5PW HPLC Column, phase tresyl, L × I.D. 4 cm × 6 mm, 10 µm particle size	814455
TSKgel® Tresyl-5PW HPLC Column, phase tresyl, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	814456
TOYOPEARL® Q-600C AR Bulk Media, phase quaternary ammonium, bottle of 1 L, 100 µm particle size	821987
TOYOPEARL® Q-600C AR Bulk Media, phase quaternary ammonium, bottle of 100 mL, 100 µm particle size	821985
TOYOPEARL® Q-600C AR Bulk Media, phase quaternary ammonium, bottle of 250 mL, 100 µm particle size	821986
TOYOPEARL® AF-Amino-650M Bulk Media, phase amine-activated, bottle of 1 L, 65 µm particle size	818074
TOYOPEARL® AF-Amino-650M Bulk Media, phase amine-activated, bottle of 25 mL, 65 µm particle size	808002
TOYOPEARL® AF-Blue HC-650M Bulk Media, phase Cibacron Blue 3GA, 65 µm particle size, bottle of 1 L	819690
TOYOPEARL® AF-Carboxy-650M Bulk Media, phase carboxylic acid, bottle of 1 L, 65 µm particle size	818827
TOYOPEARL® AF-Chelate-650M Bulk Media, phase iminodiacetic acid, bottle of 1 L, 65 µm particle size	814907
TOYOPEARL® AF-Chelate-650M Bulk Media, phase iminodiacetic acid, bottle of 25 mL, 65 µm particle size	814475
TOYOPEARL® AF-Epoxy-650M Bulk Media, phase epoxy-activated, bottle of 10 g, 65 µm particle size	808000
TOYOPEARL® AF-Epoxy-650M Bulk Media, phase iminodiacetic acid, 65 µm particle size, bottle of 5 g	843402
TOYOPEARL® AF-Epoxy-650M Bulk Media, phase iminodiacetic acid, bottle of 100 g, 65 µm particle size	808038
TOYOPEARL® AFFIPAK ACT Sampler (AF-Epoxy, Tresyl-650M), phase AF-Epoxy, Tresyl-650M, bottle of 2 × 5 g, 65 µm particle size	843400
TOYOPEARL® AF-Formyl-650M Bulk Media, phase aldehyde, bottle of 1 L, 65 µm particle size	817396

* Name	Catalog Number
TOYOPEARL® AF-Formyl-650M Bulk Media, phase aldehyde, bottle of 25 mL, 65 µm particle size	808004
TOYOPEARL® AF-Heparin HC-650M Bulk Media, matrix active group sulfated glycosaminoglycan, bottle of 1 L, 65 µm particle size	820032
TOYOPEARL® AF-Red-650M, bottle of 25 mL, 65 µm particle size	808651
TOYOPEARL® AF-Red-650ML Bulk Media, phase Procion Red HE-3B, 65 µm particle size, bottle of 1 L	842102
TOYOPEARL® AF-rProtein A-650F Bulk Media, phase rProtein A, bottle of 1 L, 45 µm particle size	822806
TOYOPEARL® AF-rProtein A HC-650F Bulk Media, phase rProtein A, bottle of 10 mL, 45 µm particle size	823425
TOYOPEARL® AF-rProtein A HC-650F Bulk Media, phase rProtein A, bottle of 25 mL, 45 µm particle size	823426
TOYOPEARL® AF-rProtein A HC-650F Bulk Media, phase rProtein A, bottle of 100 mL, 45 µm particle size	823427
TOYOPEARL® AF-rProtein A HC-650F Bulk Media, phase rProtein A, bottle of 1 L, 45 µm particle size	823428
TOYOPEARL® AF-rProtein A HC-650F MiniChrom Column, phase rProtein A, 45 µm particle size, pore size 1000 Å, L × I.D. 10 cm × 8 mm, MiniChrom Column	845161
TOYOPEARL® AF-Tresyl-650M Bulk Media, phase tresyl-activated, bottle of 5 g, 65 µm particle size	814471
TOYOPEARL® AIEPAK Bulk Media Sampler, phase SuperQ-650M, GigaCap Q-650M, Q-600C AR, pkg of 3 × 25 mL, 65, 75, and 100 µm particle size	843210
TOYOPEARL® Butyl-600M Bulk Media, bottle of 1 L, 65 µm particle size	821450
TOYOPEARL® Butyl-600M Bulk Media, bottle of 100 mL, 65 µm particle size	821449
TOYOPEARL® Butyl-600M Bulk Media, bottle of 25 mL, 65 µm particle size	821448
TOYOPEARL® Butyl-600M MiniChrom Column, phase C4 (butyl), 65 µm particle size, L × I.D. 10 cm × 8 mm, MiniChrom Column	845127
TOYOPEARL® Butyl-650S Bulk Media, phase C4 (butyl), bottle of 100 mL, 35 µm particle size	807476
TOYOPEARL® Butyl-650S Bulk Media, phase C4 (butyl), bottle of 1 L, 35 µm particle size	814701
TOYOPEARL® Butyl-650S Bulk Media, phase C4 (butyl), bottle of 25 mL, 35 µm particle size	843153
TOYOPEARL® Butyl-650C Bulk Media, phase C4 (butyl), bottle of 25 mL, 100 µm particle size	843127
TOYOPEARL® Butyl-650C Bulk Media, phase C4 (butyl), bottle of 1 L, 100 µm particle size	814703
TOYOPEARL® Butyl-650C Bulk Media, phase C4 (butyl), bottle of 100 mL, 100 µm	807478
TOYOPEARL® Butyl-650M Bulk Media, matrix polymer (65 µm), bottle of 100 mL, 65 µm	807477
TOYOPEARL® Butyl-650M Bulk Media, phase C4 (butyl), bottle of 1 L, 65 µm particle size	814702
TOYOPEARL® Butyl-650S MiniChrom Column, phase C4 (butyl), 35 µm particle size, pore size 1000 Å, L × I.D. 10 cm × 8 mm, MiniChrom Column	845126
TOYOPEARL® Butyl-650M MiniChrom Column, phase C4 (butyl), 65 µm particle size, pore size 1000 Å, L × I.D. 10 cm × 8 mm, MiniChrom Column	845125
TOYOPEARL® CIEXPAK Bulk Media Sampler, phase GigaCap CM-650M, GigaCap S-650M, SP-550C, pkg of 3 × 25 mL, 75, 100 µm particle size	843220
TOYOPEARL® CM-650S Bulk Media, phase carboxymethyl, bottle of 1 L, 35 µm particle size	814695
TOYOPEARL® CM-650S Bulk Media, phase carboxymethyl, bottle of 25 mL, 35 µm particle size	819803
TOYOPEARL® CM-650S Bulk Media, phase carboxymethyl, bottle of 250 mL, 35 µm particle size	807474
TOYOPEARL® CM-650C Bulk Media, phase carboxymethyl, bottle of 1 L, 100 µm particle size	814697
TOYOPEARL® CM-650C Bulk Media, phase carboxymethyl, bottle of 250 mL, 100 µm particle size	807991

* Name	Catalog Number
TOYOPEARL® CM-650M Bulk Media, phase carboxymethyl, bottle of 1 L, 65 µm particle size	814696
TOYOPEARL® CM-650M Bulk Media, phase carboxymethyl, bottle of 100 mL, 65 µm particle size	843203
TOYOPEARL® CM-650M Bulk Media, phase carboxymethyl, bottle of 250 mL, 65 µm particle size	807475
TOYOPEARL® DEAE-650S Bulk Media, phase diethylaminoethyl, bottle of 250 mL, 35 µm particle size	807472
TOYOPEARL® DEAE-650S Bulk Media, phase diethylaminoethyl, bottle of 1 L, 35 µm particle size	814692
TOYOPEARL® DEAE-650S Bulk Media, phase diethylaminoethyl, bottle of 25 mL, 35 µm particle size	819804
TOYOPEARL® DEAE-650C Bulk Media, phase diethylaminoethyl, bottle of 1 L, 100 µm particle size	814694
TOYOPEARL® DEAE-650C Bulk Media, phase diethylaminoethyl, bottle of 250 mL, 100 µm particle size	807988
TOYOPEARL® DEAE-650M Bulk Media, phase diethylaminoethyl, bottle of 1 L, 65 µm particle size	814693
TOYOPEARL® DEAE-650M Bulk Media, phase diethylaminoethyl, bottle of 100 mL, 65 µm particle size	843201
TOYOPEARL® DEAE-650M Bulk Media, phase diethylaminoethyl, bottle of 250 mL, 65 µm particle size	807473
TOYOPEARL® Ether-650S Bulk Media, phase ether, bottle of 1 L, 35 µm particle size	816174
TOYOPEARL® Ether-650S Bulk Media, phase ether, bottle of 100 mL, 35 µm particle size	816172
TOYOPEARL® Ether-650S Bulk Media, phase ether, bottle of 25 mL, 35 µm particle size	843151
TOYOPEARL® Ether-650M Bulk Media, phase ether, bottle of 25 mL, 65 µm particle size	819805
TOYOPEARL® Ether-650M Bulk Media, matrix polymer (65 µm), bottle of 100 mL, 100 µm	816173
TOYOPEARL® Ether-650M Bulk Media, phase ether, bottle of 1 L, 65 µm particle size	816175
TOYOPEARL GigaCap® Q-650S Bulk Media, phase quaternary ammonium, bottle of 25 mL, 35 µm particle size	822881
TOYOPEARL GigaCap® Q-650S Bulk Media, phase quaternary ammonium, bottle of 250 mL, 35 µm particle size	822882
TOYOPEARL GigaCap® S-650S Bulk Media, phase sulphonyl, bottle of 25 mL, 35 µm particle size	822875
TOYOPEARL GigaCap® S-650S Bulk Media, phase sulphonyl, bottle of 250 mL, 35 µm particle size	822876
TOYOPEARL GigaCap® Q-650M Bulk Media, phase quaternary ammonium, bottle of 1 L, 75 µm particle size	821856
TOYOPEARL GigaCap® Q-650M Bulk Media, phase quaternary ammonium, bottle of 100 mL, 75 µm particle size	821854
TOYOPEARL GigaCap® Q-650M Bulk Media, phase quaternary ammonium, bottle of 250 mL, 75 µm particle size	821855
TOYOPEARL GigaCap® S-650M Bulk Media, phase sulphonyl, bottle of 1 L, 75 µm particle size	821835
TOYOPEARL GigaCap® S-650M Bulk Media, phase sulphonyl, bottle of 250 mL, 75 µm particle size	821834
TOYOPEARL GigaCap® Q-650S MiniChrom Column, phase quaternary ammonium, 35 µm particle size, pore size 1000 Å, L x I.D. 10 cm x 8 mm, MiniChrom Column	845105
TOYOPEARL GigaCap® S-650S MiniChrom Column, phase sulphonyl, 35 µm particle size, pore size 1000 Å, L x I.D. 10 cm x 8 mm, MiniChrom Column	845102
TOYOPEARL GigaCap® Q-650M MiniChrom Column, phase quaternary ammonium, 75 µm particle size, pore size 1000 Å, L x I.D. 10 cm x 8 mm, MiniChrom Column	845104
TOYOPEARL GigaCap® S-650M MiniChrom Column, phase sulphonyl, 75 µm particle size, pore size 1000 Å, L x I.D. 10 cm x 8 mm, MiniChrom Column	845101
TOYOPEARL GigaCap® CM-650M Bulk Media, phase carboxymethyl, bottle of 1 L, 65 µm particle size	821948

* Name	Catalog Number
TOYOPEARL GigaCap® CM-650M Bulk Media, phase carboxymethyl, bottle of 100 mL, 75 µm particle size	821946
TOYOPEARL GigaCap® CM-650M Bulk Media, matrix active group carboxymethyl, bottle of 250 mL, 75 µm particle size	821947
TOYOPEARL GigaCap® CM-650M MiniChrom Column, phase carboxymethyl, 75 µm particle size, pore size 1000 Å, L x I.D. 10 cm x 8 mm, MiniChrom Column	845103
TOYOPEARL GigaCap® DEAE-650M Bulk Media, phase diethylaminoethyl, bottle of 100 mL, 75 µm particle size	822865
TOYOPEARL GigaCap® DEAE-650M Bulk Media, phase diethylaminoethyl, bottle of 250 mL, 75 µm particle size	822866
TOYOPEARL GigaCap® DEAE-650 MiniChrom Column, phase diethylaminoethyl, 75 µm particle size, pore size 1000 Å, L x I.D. 10 cm x 8 mm, MiniChrom Column	845106
TOYOPEARL® Hexyl-650C Bulk Media, phase C6 (hexyl), bottle of 1 L, 100 µm particle size	819027
TOYOPEARL® Hexyl-650C Bulk Media, phase C6 (hexyl), bottle of 100 mL, 100 µm particle size	819026
TOYOPEARL® Hexyl-650C Bulk Media, phase C6 (hexyl), bottle of 25 mL, 100 µm particle size	844465
TOYOPEARL® HICPAK Bulk Media Sampler, phase Ether, Phenyl, Butyl-650M, pkg of 3 x 25 mL, 65 µm particle size	819806
TOYOPEARL® HICPAK-C Bulk Media Sampler, phase Phenyl, Butyl, Hexyl-650C, pkg of 3 x 25 mL, 100 µm particle size	843125
TOYOPEARL® HMW Size Exclusion Sampler, (HW-55, 65, 75F), 45 µm particles, HMW, phase hydroxylated methacrylic polymer, bottle of 3 x 150 mL, particle size 45 µm	819819
TOYOPEARL® HP Size Exclusion Sampler, (HW-40, 50, 55, 65S), 30 µm particles, HP, phase hydroxylated methacrylic polymer, bottle of 4 x 150 mL, 30 µm particle size	819820
TOYOPEARL® HW-40S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 30 µm particle size	814681
TOYOPEARL® HW-40S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 30 µm particle size	819809
TOYOPEARL® HW-40S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 30 µm particle size	807447
TOYOPEARL® HW-40S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 250 mL, 30 µm particle size	807451
TOYOPEARL® HW-40C Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 75 µm particle size	807449
TOYOPEARL® HW-40C Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 75 µm particle size	814683
TOYOPEARL® HW-40C Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 75 µm particle size	819807
TOYOPEARL® HW-40F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 45 µm particle size	814682
TOYOPEARL® HW-40F Bulk Media, phase hydroxylated methacrylated, bottle of 500 mL, 30-60 µm	807448
TOYOPEARL® HW-50S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 30 µm particle size	807452
TOYOPEARL® HW-50S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 30 µm particle size	819811
TOYOPEARL® HW-50S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 35 µm particle size	814684
TOYOPEARL® HW-50S Bulk Media, matrix hydroxylated methacrylic polymer, bottle of 250 mL, 20-40 µm	807455
TOYOPEARL® HW-50F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 45 µm particle size	819810

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
TOYOPEARL® HW-50F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 45 µm particle size	814685
TOYOPEARL® HW-50F Bulk Media, matrix hydroxylated methacrylic polymer, bottle of 500 mL, 30-60 µm	807453
TOYOPEARL® HW-55S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 30 µm particle size	807456
TOYOPEARL® HW-55S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 30 µm particle size	819813
TOYOPEARL® HW-55S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 30 µm particle size	814686
TOYOPEARL® HW-55S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 250 mL, 20-40 µm	807459
TOYOPEARL® HW-55F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 45 µm particle size	819812
TOYOPEARL® HW-55F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 45 µm particle size	814687
TOYOPEARL® HW-55F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 45 µm particle size	807457
TOYOPEARL® HW-65S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 30 µm particle size	819815
TOYOPEARL® HW-65S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 30 µm particle size	814688
TOYOPEARL® HW-65S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 250 mL, 20-40 µm	807467
TOYOPEARL® HW-65C Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 75 µm particle size	821481
TOYOPEARL® HW-65C Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 75 µm particle size	814690
TOYOPEARL® HW-65C Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 75 µm particle size	807466
TOYOPEARL® HW-65F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 45 µm particle size	819814
TOYOPEARL® HW-65F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 45 µm particle size	814689
TOYOPEARL® HW-65F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 30-60 µm particle size	807465
TOYOPEARL® HW-75S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 30 µm particle size	807468
TOYOPEARL® HW-75S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 250 mL, 30 µm particle size	807471
TOYOPEARL® HW-75F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 1 L, 45 µm particle size	814691
TOYOPEARL® HW-75F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 45 µm particle size	819816
TOYOPEARL® HW-75F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 45 µm particle size	807469
TOYOPEARL® HW-40F Bulk Media, phase hydroxylated methacrylic polymer, bottle of 150 mL, 45 µm particle size	819808
TOYOPEARL® HW-40EC Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 200 µm particle size	807450
TOYOPEARL® IEXPAK HP Bulk Media Sampler, phase various, pkg of 4 × 25 mL, 35 µm particle size	819817
TOYOPEARL® LABPAK Bulk Media Sampler, phase Ether, Phenyl, Butyl-650S, pkg of 3 × 25 mL, 35 µm particle size	843150
TOYOPEARL® LMW Size Exclusion Sampler, (HW-40, 50, 55F), 45 µm particles, LMW, phase hydroxylated methacrylic polymer, bottle of 3 × 150 mL, 45 µm particle size	819821

* Name	Catalog Number
TOYOPEARL MegaCap® II SP-550EC Bulk Media, phase sulphonyl, bottle of 1 L, 200 µm particle size	821806
TOYOPEARL MegaCap® II SP-550EC Bulk Media, phase sulphonyl, bottle of 100 mL, 200 µm particle size	821804
TOYOPEARL MegaCap® II SP-550EC Bulk Media, phase sulphonyl, bottle of 250 mL, 200 µm particle size	821805
TOYOPEARL® MX-Trp-650M Bulk Media, phase tryptophan, bottle of 1 L, 75 µm particle size	822819
TOYOPEARL® MX-Trp-650M Bulk Media, phase tryptophan, bottle of 100 mL, 75 µm particle size	822818
TOYOPEARL® MX-Trp-650M Bulk Media, phase tryptophan, bottle of 25 mL, 75 µm particle size	822817
TOYOPEARL® MX-Trp-650M MiniChrom Column, phase tryptophan, 75 µm particle size, pore size 1000 Å, L × I.D. 10 cm × 8 mm, MiniChrom Column	845151
TOYOPEARL® Phenyl-600 HIC Bulk Media, phase phenyl, low Ligand density, bottle of 1 L, 65 µm particle size	821889
TOYOPEARL® Phenyl-600 HIC Bulk Media, phase phenyl, low Ligand density, bottle of 100 mL, 65 µm particle size	821888
TOYOPEARL® Phenyl-600 HIC Bulk Media, phase phenyl, low Ligand density, bottle of 25 mL, 65 µm particle size	821887
TOYOPEARL® Phenyl-600M MiniChrom Column, phase phenyl, low Ligand density, 65 µm particle size, pore size 750 Å, L × I.D. 10 cm × 8 mm, MiniChrom Column	845123
TOYOPEARL® Phenyl-650S Bulk Media, phase phenyl, low Ligand density, bottle of 1 L, 35 µm particle size	814784
TOYOPEARL® Phenyl-650S Bulk Media, phase phenyl, low Ligand density, bottle of 25 mL, 35 µm particle size	843152
TOYOPEARL® Phenyl-650S Bulk Media, phase phenyl, low Ligand density, bottle of 100 mL, 35 µm particle size	814477
TOYOPEARL® Phenyl-650C Bulk Media, phase phenyl, low Ligand density, bottle of 25 mL, 100 µm particle size	843126
TOYOPEARL® Phenyl-650C Bulk Media, phase phenyl, low Ligand density, bottle of 100 mL, 100 µm particle size	814479
TOYOPEARL® Phenyl-650C Bulk Media, phase phenyl, low Ligand density, bottle of 1 L, 100 µm particle size	814785
TOYOPEARL® Phenyl-650M Bulk Media, phase phenyl, low Ligand density, bottle of 25 mL, 65 µm particle size	819818
TOYOPEARL® Phenyl-650M Bulk Media, phase phenyl, low Ligand density, bottle of 1 L, 65 µm particle size	814783
TOYOPEARL® Phenyl-650M Bulk Media, matrix polymer (65 µm), bottle of 100 mL, 65 µm	814478
TOYOPEARL® Phenyl-650S MiniChrom Column, phase phenyl, low Ligand density, 35 µm particle size, pore size 1000 Å, L × I.D. 10 cm × 8 mm, MiniChrom Column	845122
TOYOPEARL® Phenyl-650M MiniChrom Column, phase phenyl, low Ligand density, 65 µm particle size, pore size 1000 Å, L × I.D. 10 cm × 8 mm, MiniChrom Column	845121
TOYOPEARL® PPG-600M Bulk Media, phase polypropylene glycol, bottle of 1 L, 65 µm particle size	821303
TOYOPEARL® PPG-600M Bulk Media, phase polypropylene glycol, bottle of 100 mL, 65 µm particle size	821302
TOYOPEARL® PPG-600M Bulk Media, phase polypropylene glycol, bottle of 25 mL, 65 µm particle size	821301
TOYOPEARL® PPG-600M MiniChrom Column, phase polypropylene glycol, 65 µm particle size, pore size 750 Å, L × I.D. 10 cm × 8 mm, MiniChrom Column	845124
TOYOPEARL® QAE-550C Bulk Media, phase quaternary ammonium, bottle of 1 L, 100 µm particle size	814704
TOYOPEARL® QAE-550C Bulk Media, phase quaternary ammonium, bottle of 100 mL, 100 µm particle size	843271
TOYOPEARL® QAE-550C Bulk Media, phase quaternary ammonium, bottle of 250 mL, 100 µm particle size	814026

* Name	Catalog Number
TOYOPEARL<REFERENCE ID="976" TYPE="tra-demarc"/> HW-65S Bulk Media, phase hydroxylated methacrylic polymer, bottle of 500 mL, 30 µm particle size	807464
TOYOPEARL® SP-550C Bulk Media, phase sulfopropyl, bottle of 1 L, 100 µm particle size	814705
TOYOPEARL® SP-550C Bulk Media, phase sulfopropyl, bottle of 100 mL, 100 µm particle size	843272
TOYOPEARL® SP-550C Bulk Media, phase sulfopropyl, bottle of 250 mL, 100 µm particle size	814028
TOYOPEARL® SP-650S Bulk Media, phase sulphonyl, bottle of 25 mL, 35 µm particle size	819822
TOYOPEARL® SP-650S Bulk Media, phase sulphonyl, bottle of 1 L, 35 µm particle size	814698
TOYOPEARL® SP-650S Bulk Media, phase sulphonyl, bottle of 250 mL, 35 µm particle size	808437
TOYOPEARL® SP-650C Bulk Media, phase sulphonyl, bottle of 1 L, 100 µm particle size	814700
TOYOPEARL® SP-650C Bulk Media, phase sulfopropyl, bottle of 250 mL, 65 µm particle size	807994
TOYOPEARL® SP-650M Bulk Media, phase sulphonyl, bottle of 1 L, 65 µm particle size	814699
TOYOPEARL® SP-650M Bulk Media, phase sulphonyl, bottle of 100 mL, 65 µm particle size	843202
TOYOPEARL® SP-650M Bulk Media, phase sulfopropyl, bottle of 250 mL, 65 µm particle size	807997
TOYOPEARL® SuperButyl-550C Bulk Media, phase C4 (butyl), bottle of 1 L, 100 µm particle size	819957
TOYOPEARL® SuperButyl-550C Bulk Media, phase C4 (butyl), bottle of 100 mL, 100 µm particle size	819956
TOYOPEARL® SuperButyl-550C Bulk Media, phase C4 (butyl), bottle of 25 mL, 100 µm particle size	819955
TOYOPEARL® SuperQ-650S Bulk Media, phase quaternary ammonium, bottle of 25 mL, 35 µm particle size	819823
TOYOPEARL® SuperQ-650S Bulk Media, phase quaternary ammonium, bottle of 250 mL, 35 µm particle size	817223
TOYOPEARL® SuperQ-650S Bulk Media, phase quaternary ammonium, bottle of 1 L, 35 µm particle size	817224
TOYOPEARL® SuperQ-650C Bulk Media, phase quaternary ammonium, bottle of 100 mL, 100 µm particle size	843275
TOYOPEARL® SuperQ-650C Bulk Media, phase quaternary ammonium, bottle of 1 L, 100 µm particle size	817232
TOYOPEARL® SuperQ-650M Bulk Media, phase quaternary ammonium, bottle of 1 L, 65 µm particle size	817228
TOYOPEARL® SuperQ-650M Bulk Media, phase quaternary ammonium, bottle of 100 mL, 65 µm particle size	843205
TOYOPEARL® SuperQ-650M Bulk Media, phase quaternary ammonium, bottle of 250 mL, 65 µm particle size	817227
ToyoScreen® Q-600C AR Process Development Column, phase quaternary ammonium, pkg of 6 × 1 mL, 100 µm particle size	821992
ToyoScreen® Q-600C AR Process Development Column, phase quaternary ammonium, pkg of 6 × 5 mL, 100 µm particle size	821993
ToyoScreen® AF-rProtein A HC-650F Process Development Column, phase rProtein A, pkg of 1 × 5 mL, 45 µm particle size	823431
ToyoScreen® AF-rProtein A HC-650F Process Development Column, phase rProtein A, pkg of 5 × 1 mL, 45 µm particle size	823430
ToyoScreen® AF-rProtein A HC-650F Process Development Column, phase rProtein A, pkg of 5 × 5 mL, 45 µm particle size	823432

* Name	Catalog Number
ToyoScreen® Butyl-600M Product Development Column, phase C4 (butyl), pkg of 6 × 1 mL, 65 µm particle size	821494
ToyoScreen® Butyl-600M Product Development Column, phase C4 (butyl), pkg of 6 × 5 mL, 65 µm particle size	821495
ToyoScreen® Butyl-650M Process Development Column, phase C4 (butyl), pkg of 6 × 1 mL, 65 µm particle size	821376
ToyoScreen® Butyl-650M Process Development Column, phase C4 (butyl), pkg of 6 × 5 mL, 65 µm particle size	821377
ToyoScreen® CM-650M Process Development Column, phase carboxymethyl, pkg of 6 × 1 mL, 65 µm particle size	821366
ToyoScreen® CM-650M Process Development Column, phase carboxymethyl, pkg of 6 × 5 mL, 65 µm particle size	821367
ToyoScreen® DEAE-650M Process Development Column, phase diethylaminoethyl, pkg of 6 × 1 mL, 65 µm particle size	821360
ToyoScreen® DEAE-650M Process Development Column, phase diethylaminoethyl, pkg of 6 × 5 mL, 65 µm particle size	821361
ToyoScreen® Ether-650M Process Development Column, phase ether, pkg of 6 × 1 mL, 65 µm particle size	821372
ToyoScreen® Ether-650M Process Development Column, phase ether, pkg of 6 × 5 mL, 65 µm particle size	821373
ToyoScreen® GigaCap Q-650M Process Development Column, phase quaternary ammonium, pkg of 6 × 1 mL, 75 µm particle size	821859
ToyoScreen® GigaCap Q-650M Process Development Column, phase quaternary ammonium, pkg of 6 × 5 mL, 75 µm particle size	821860
ToyoScreen® GigaCap S-650M Process Development Column, phase sulphonyl, pkg of 6 × 1 mL, 75 µm particle size	821868
ToyoScreen® GigaCap S-650M Process Development Column, phase sulphonyl, pkg of 6 × 5 mL, 75 µm particle size	821869
ToyoScreen® GigaCap CM-650M Process Development Column, phase carboxymethyl, pkg of 6 × 1 mL, 75 µm particle size	821951
ToyoScreen® GigaCap CM-650M Process Development Column, phase carboxymethyl, pkg of 6 × 5 mL, 75 µm particle size	821952
ToyoScreen® GigaCap DEAE-650M Process Development Column, phase diethylaminoethyl, pkg of 6 × 1 mL, 75 µm particle size	822872
ToyoScreen® GigaCap DEAE-650M Process Development Column, phase diethylaminoethyl, pkg of 6 × 5 mL, 75 µm particle size	822873
ToyoScreen® Hexyl-650C Process Development Column, phase C6 (hexyl), pkg of 6 × 1 mL, 100 µm particle size	821378
ToyoScreen® Hexyl-650C Process Development Column, phase C6 (hexyl), pkg of 6 × 5 mL, 100 µm particle size	821379
ToyoScreen® HIC Mix Pack Process Development Column, phase PPG-600M, Phenyl-600M, Phenyl-650M, Butyl-650M, Butyl-600M, Hexyl-650C, pkg of 1 × 1 mL	821398
ToyoScreen® HIC Mix Pack Process Development Column, phase PPG-600M, Phenyl-600M, Phenyl-650M, Butyl-650M, Butyl-600M, Hexyl-650C, pkg of 1 × 5 mL (6 grades)	821399
ToyoScreen® Holder with Fittings, polycarbonate housing, polypropylene cap, PEEK adapter, pkg of 1 kit	842194
ToyoScreen® IEC Anion Mix Pack Process Development Column, phase DEAE-650M, SuperQ-650M, QAE-550C, GigaCapQ-650M, Q-600C AR, pkg of 1 × 1 mL 5 grades	821392

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
ToyoScreen® IEC Anion Mix Pack Process Development Column, phase DEAE-650M, SuperQ-650M, QAE-550C, GigaCapQ-650M, Q-600C AR, pkg of 1 x 5 mL 5 grades	821393
ToyoScreen® IEC Cation Mix Pack Process Development Column, phase CM-650M, SP-650M, SP-550C, GigaCap CM-650M, GigaCap S-650M, pkg of 1 x 1 mL (5 grades)	821394
ToyoScreen® IEC Cation Mix Pack Process Development Column, phase CM-650M, SP-650M, SP-550C, GigaCap CM-650M, GigaCap S-650M, pkg of 1 x 5 mL 5 grades	821395
ToyoScreen® IEC Mix Pack Process Development Column, phase GigaCap Q-650M, SuperQ-650M, Q-600C, GigaCap CM-650M, SP-550C, GigaCap S-650M, pkg of 1 x 1 mL 6 grades	821396
ToyoScreen® IEC Mix Pack Process Development Column, phase GigaCap Q-650M, SuperQ-650M, Q-600C, GigaCap CM-650M, SP-550C, GigaCap S-650M, pkg of 1 x 5 mL 6 grades	821397
ToyoScreen® MegaCap II SP-550EC Process Development Column, phase sulfonic acid, pkg of 6 x 1 mL, 200 µm particle size	821870
ToyoScreen® MegaCap II SP-550EC Process Development Column, phase sulfonic acid, pkg of 6 x 5 mL, 200 µm particle size	821871
ToyoScreen® MX-Trp-650M Process Development Column, phase tryptophan, pkg of 6 x 1 mL, 75 µm particle size	822824
ToyoScreen® MX-Trp-650M Process Development Column, phase tryptophan, pkg of 6 x 5 mL, 75 µm particle size	822825
ToyoScreen® Phenyl-600M Process Development Column, phase phenyl, low Ligand density, pkg of 6 x 1 mL, 65 µm particle size	821892
ToyoScreen® Phenyl-600M Process Development Column, phase phenyl, low Ligand density, pkg of 6 x 5 mL, 65 µm particle size	821893
ToyoScreen® Phenyl-650M Process Development Column, phase phenyl, low Ligand density, pkg of 6 x 1 mL, 65 µm particle size	821374
ToyoScreen® Phenyl-650M Process Development Column, phase phenyl, low Ligand density, pkg of 6 x 5 mL, 65 µm particle size	821375
ToyoScreen® PPG-600M Process Development Column, phase polypropylene glycol, pkg of 6 x 1 mL, 65 µm particle size	821380
ToyoScreen® PPG-600M Process Development Column, phase polypropylene glycol, pkg of 6 x 5 mL, 65 µm particle size	821381
ToyoScreen® QAE-550C Process Development Column, phase quaternary ammonium, pkg of 6 x 1 mL, 100 µm particle size	821364
ToyoScreen® QAE-550C Process Development Column, phase quaternary ammonium, pkg of 6 x 5 mL, 100 µm particle size	821365
ToyoScreen® SP-550C Process Development Column, phase sulfonic acid, pkg of 6 x 1 mL, 100 µm particle size	821370
ToyoScreen® SP-550C Process Development Column, phase sulfonic acid, pkg of 6 x 5 mL, 100 µm particle size	821371
ToyoScreen® SP-650M Process Development Column, phase sulfonic acid, pkg of 6 x 1 mL, 65 µm particle size	821368
ToyoScreen® SP-650M Process Development Column, phase sulfonic acid, pkg of 6 x 5 mL, 65 µm particle size	821369
ToyoScreen® SuperButyl-550C Process Development Column, phase C4 (butyl), pkg of 6 x 1 mL, 100 µm particle size	821382
ToyoScreen® SuperButyl-550C Process Development Column, phase C4 (butyl), pkg of 6 x 5 mL, 100 µm particle size	821383

* Name	Catalog Number
ToyoScreen® SuperQ-650M Process Development Column, phase quaternary ammonium, pkg of 6 x 1 mL, 65 µm particle size	821362
ToyoScreen® SuperQ-650M Process Development Column, phase quaternary ammonium, pkg of 6 x 5 mL, 65 µm particle size	821363
Tricorn 5/100 Column	GE28-4064-10
TSKgel® Alpha-2500 HPLC Column, phase polymethacrylate, hydroxylated, L x I.D. 30 cm x 7.8 mm, 7 µm particle size	818339
TSKgel® Alpha-3000 HPLC Column, phase polymethacrylate, hydroxylated, L x I.D. 30 cm x 7.8 mm, 7 µm particle size	818340
TSKgel® Alpha-4000 HPLC Column, phase polymethacrylate, hydroxylated, L x I.D. 30 cm x 7.8 mm, 10 µm particle size	818341
TSKgel® Alpha-5000 HPLC Column, phase polymethacrylate, hydroxylated, L x I.D. 30 cm x 7.8 mm, 10 µm particle size	818342
TSKgel® Alpha-6000 HPLC Column, phase polymethacrylate, hydroxylated, L x I.D. 30 cm x 7.8 mm, 13 µm particle size	818343
TSKgel® Alpha Guard Column, phase polymethacrylate, hydroxylated, L x I.D. 4 cm x 6 mm, 13 µm particle size	818345
TSKgel® Alpha-M HPLC Column, phase polymethacrylate, hydroxylated, L x I.D. 30 cm x 7.8 mm, 13 µm particle size	818344
TSKgel® Amide-80 Guard Cartridge, phase carbamoyl, L x I.D. 1 cm x 2 mm, 3 µm particle size, pkg of 3 ea	821862
TSKgel® Amide-80 Guard Cartridge, phase carbamoyl, L x I.D. 1.5 cm x 3.2 mm, 3 µm particle size, pkg of 3 ea	821863
TSKgel® Amide-80 Guard Cartridge, phase carbamoyl, L x I.D. 1 cm x 2 mm, 5 µm particle size, pkg of 3 ea	821941
TSKgel® Amide-80 Guard Cartridge, phase carbamoyl, L x I.D. 1.5 cm x 3.2 mm, 5 µm particle size, pkg of 3 ea	819010
TSKgel® Amide-80 Guard Column, phase carbamoyl, L x I.D. 1 cm x 4.6 mm, 5 µm particle size	819021
TSKgel® Amide-80 Guard Column, phase carbamoyl, L x I.D. 7.5 cm x 21.5 mm, 10 µm particle size	814461
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 5 cm x 2 mm, 3 µm particle size	821864
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 15 cm x 2 mm, 3 µm particle size	821865
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 5 cm x 4.6 mm, 3 µm particle size	821866
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 15 cm x 4.6 mm, 3 µm particle size	821867
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 5 cm x 1 mm, 5 µm particle size	820009
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 10 cm x 1 mm, 5 µm particle size	820010
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 15 cm x 1 mm, 5 µm particle size	821486
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 25 cm x 1 mm, 5 µm particle size	821487
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 5 cm x 2 mm, 5 µm particle size	819694
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 10 cm x 2 mm, 5 µm particle size	819695
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 15 cm x 2 mm, 5 µm particle size	819696
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 25 cm x 2 mm, 5 µm particle size	819697
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 5 cm x 4.6 mm, 5 µm particle size	819532
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 10 cm x 4.6 mm, 5 µm particle size	819533
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L x I.D. 25 cm x 4.6 mm, 5 µm particle size	813071

* Name	Catalog Number
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L × I.D. 30 cm × 7.8 mm, 10 µm particle size	814459
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L × I.D. 30 cm × 21.5 mm, 10 µm particle size	814460
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	821982
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L × I.D. 10 cm × 3 mm, 3 µm particle size	822851
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L × I.D. 10 cm × 4.6 mm, 3 µm particle size	822849
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L × I.D. 15 cm × 3 mm, 3 µm particle size	822852
TSKgel® Amide-80 HPLC Column, phase carbamoyl, L × I.D. 5 cm × 3 mm, 3 µm particle size	822850
TSKgel® Aminopak HPLC Column, phase sulphonic acid, L × I.D. 12 cm × 4.6 mm, 5 µm particle size	813181
TSKgel® BioAssist® Chelate HPLC Column, phase iminodiacetic acid, L × I.D. 5 cm × 7.8 mm, 10 µm particle size, PEEK hardware	820022
TSKgel® BioAssist® Desalting HPLC Column, phase polyacrylamide, L × I.D. 15 cm × 10 mm, 13 µm particle size, PEEK	821464
TSKgel® BioAssist® Desalting HPLC Column, phase polyacrylamide, L × I.D. 15 cm × 4.6 mm, 15 µm particle size, PEEK	821463
TSKgel® BioAssist® G6PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 17 µm particle size, PEEK hardware	820024
TSKgel® BioAssist® Q HPLC Column, phase polyamine, L × I.D. 5 cm × 4.6 mm, 10 µm particle size, PEEK hardware	819685
TSKgel® BioAssist® Q HPLC Column, phase polyamine, L × I.D. 10 cm × 10 mm, 13 µm particle size, PEEK hardware	821410
TSKgel® BioAssist® S HPLC Column, phase sulfonic acid, L × I.D. 5 cm × 4.6 mm, 7 µm particle size, PEEK hardware	819686
TSKgel® BioAssist® S HPLC Column, phase sulfonic acid, L × I.D. 10 cm × 10 mm, 13 µm particle size, PEEK hardware	821411
TSKgel® BioAssist® Phenyl HPLC Column, phase phenyl, low Ligand density, L × I.D. 5 cm × 7.8 mm, 10 µm particle size, PEEK hardware	820023
TSKgel® Boronate-5PW HPLC Column, phase m-aminophenyl boronate, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	813066
TSKgel® Boronate-5PW HPLC Column, phase m-aminophenyl boronate, L × I.D. 5 cm × 5 mm, 10 µm particle size, glass	814449
TSKgel® Boronate-5PW HPLC Guardgel Kit, phase m-aminophenyl boronate, L × I.D. 2.5 cm × 6 mm, 20 µm particle size	813125
TSKgel® Boronate-5PW HPLC Guardgel Kit, phase m-aminophenyl boronate, L × I.D. 1 cm × 8 mm, 20 µm particle size, glass	814451
TSKgel® Butyl-NPR HPLC Column, phase C4 (butyl), L × I.D. 3.5 cm × 4.6 mm, 2.5 µm particle size	814947
TSKgel® Butyl-NPR HPLC Column, phase C4 (butyl), L × I.D. 10 cm × 4.6 mm, 2.5 µm particle size	842168
TSKgel® Cation Exchange HPLC Guard Cartridge	842153
TSKgel® Chelate-5PW Guardgel Kit, phase iminodiacetic acid, L × I.D. 2.5 cm × 6 mm, 20 µm particle size	808647
TSKgel® Chelate-5PW HPLC Column, phase iminodiacetic acid, L × I.D. 15 cm × 21.5 mm, 13 µm particle size	808646
TSKgel® Chelate-5PW HPLC Column, phase iminodiacetic acid, L × I.D. 5 cm × 5 mm, 10 µm particle size, glass	814440
TSKgel® Chelate-5PW HPLC Column, phase iminodiacetic acid, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	808645

* Name	Catalog Number
TSKgel® CM-5PW Guardgel Kit, phase carboxymethyl, L × I.D. 2.5 cm × 6 mm, 10 µm particle size	813069
TSKgel® CM-5PW HPLC Column, phase carboxymethyl, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	813068
TSKgel® CM-STAT HPLC Column, phase carboxymethyl, L × I.D. 10 cm × 4.6 mm, 7 µm particle size	821966
TSKgel® CM-STAT HPLC Column, phase carboxymethyl, L × I.D. 3.5 cm × 3 mm, 10 µm particle size	821965
TSKgel® CM-SW Guardgel Kit, phase carboxymethyl, L × I.D. 2.5 cm × 6 mm, 10 µm particle size	807650
TSKgel® CM-2SW HPLC Column, phase carboxymethyl, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	807167
TSKgel® CM-3SW HPLC Column, phase carboxymethyl, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	807162
TSKgel® CN-80Ts HPLC Column, phase cyano, L × I.D. 15 cm × 4.6 mm, 5 µm particle size	817348
TSKgel® CN-80Ts HPLC Column, phase cyano, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	817349
TSKgel® DEAE-5PW (20) Bulk Media, phase diethylaminoethyl, bottle of 1 L, 20 µm particle size	814711
TSKgel® DEAE-5PW (20) Bulk Media, phase diethylaminoethyl, bottle of 25 mL, 20 µm particle size	843381
TSKgel® DEAE-5PW (20) Bulk Media, phase diethylaminoethyl, bottle of 250 mL, 20 µm particle size	814710
TSKgel® DEAE-5PW (30) Bulk Media, phase diethylaminoethyl, bottle of 250 mL, 30 µm particle size	814712
TSKgel® DEAE-5PW (30) Bulk Media, phase diethylaminoethyl, bottle of 25 mL, 30 µm particle size	843281
TSKgel® DEAE-5PW (30) Bulk Media, phase diethylaminoethyl, bottle of 1 L, 30 µm particle size	814713
TSKgel® DEAE-5PW Guardgel Kit, phase diethylaminoethyl, L × I.D. 2.5 cm × 6 mm, 20 µm particle size	807210
TSKgel® DEAE-5PW Guardgel Kit, phase diethylaminoethyl, L × I.D. 3.5 cm × 10 mm, 20 µm particle size	816092
TSKgel® DEAE-5PW Guards and Guardgel Kits	842152
TSKgel® DEAE-5PW Guards and Guardgel Kits, phase diethylaminoethyl, L × I.D. 2 cm × 20 mm, 13 µm particle size, glass	814466
TSKgel® DEAE-5PW Guards and Guardgel Kits, phase diethylaminoethyl, L × I.D. 1 cm × 8 mm, 20 µm particle size, glass	808806
TSKgel® DEAE-NPR Guard Column, phase diethylaminoethyl, L × I.D. 0.5 cm × 4.6 mm, 2.5 µm particle size	818253
TSKgel® DEAE-SW Columns, phase diethylaminoethyl, L × I.D. 25 cm × 2 mm, 5 µm particle size	818761
TSKgel® DEAE-SW Columns, phase diethylaminoethyl, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	807168
TSKgel® DEAE-SW Columns, phase diethylaminoethyl, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	807163
TSKgel® DEAE-SW Guardgel Kit, phase diethylaminoethyl, L × I.D. 2.5 cm × 6 mm, 20 µm particle size	807648
TSKgel® DEAE-SW Guardgel Kit, phase diethylaminoethyl, L × I.D. 1 cm × 2 mm, 5 µm particle size, pkg of 3 ea	842154
TSKgel® DNA-NPR Guard Column, phase diethylaminoethyl, L × I.D. 0.5 cm × 4.6 mm, 5 µm particle size	817088
TSKgel® G-DNA-PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 10 µm particle size	808032
TSKgel® DNA-STAT HPLC Column, phase ammonium, quaternary, L × I.D. 10 cm × 4.6 mm, 5 µm particle size	821962
TSKgel® Ether-5PW (20) Bulk Media, phase ether, bottle of 1 L, 20 µm particle size	816053
TSKgel® Ether-5PW (20) Bulk Media, phase ether, bottle of 25 mL, 20 µm particle size	843276
TSKgel® Ether-5PW (20) Bulk Media, phase ether, bottle of 250 mL, 20 µm particle size	816052
TSKgel® Ether-5PW (30) Bulk Media, phase ether, bottle of 25 mL, 30 µm particle size	843176

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
TSKgel® Ether-5PW (30) Bulk Media, phase ether, bottle of 250 mL, 30 µm particle size	816050
TSKgel® Ether-5PW (30) Bulk Media, phase ether, bottle of 1 L, 30 µm particle size	816051
TSKgel® Ether-5PW Guard Cartridge	842155
TSKgel® Ether-5PW Guardgel Kit, phase ether, L × I. D. 2.5 cm × 6 mm, 20 µm particle size	808643
TSKgel® Ether-5PW HPLC Column, phase ether, L × I. D. 7.5 cm × 2 mm, 10 µm particle size	818760
TSKgel® Ether-5PW HPLC Column, phase ether, L × I. D. 7.5 cm × 7.5 mm, 10 µm particle size	808641
TSKgel® Ether-5PW HPLC Column, phase ether, L × I. D. 5 cm × 5 mm, 10 µm particle size	814013
TSKgel® Ether-5PW HPLC Column, phase ether, L × I. D. 7.5 cm × 8 mm, 10 µm particle size	814014
TSKgel® Ether-5PW HPLC Column, phase ether, pkg of 3 ea	842156
TSKgel® Ether-5PW HPLC Column, phase ether, L × I. D. 1 cm × 8 mm, 20 µm particle size, glass	814025
TSKgel® G1000H _{HR} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	817352
TSKgel® G1000H _{XL} for Light Scattering 30 cm × 7.8 mm ID, 5 µm, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	816133
TSKgel® G1000H _{XL} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	816131
TSKgel® G1000H _{XL} HPLC Column for Light Scattering Applications, phase polystyrene-divinylbenzene, L × I. D. 4 cm × 6 mm, 5 µm particle size	818404
TSKgel® G2000H _{HR} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	817353
TSKgel® G2000H _{HR} -H HT2 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 20 µm particle size	822890
TSKgel® G2000H _{HR} -H HT HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 20 µm particle size	818395
TSKgel® G2000H _{XL} for Light Scattering 30 cm × 7.8 mm ID, 5 µm, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	816132
TSKgel® G2000H _{XL} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	816134
TSKgel® G2000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 60 cm × 7.5 mm, 12 µm particle size	805105
TSKgel® G2000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.5 mm, 12 µm particle size	805761
TSKgel® G2000SW HPLC Column, phase diol, L × I.D. 60 cm × 7.5 mm, 10 µm particle size	805102
TSKgel® G2000SW HPLC Column, phase diol, L × I.D. 30 cm × 7.5 mm, 10 µm particle size	805788
TSKgel® G2000SW HPLC Column, phase diol, L × I.D. 30 cm × 21.5 mm, 13 µm particle size	806727
TSKgel® G2000SW HPLC Column, phase diol, L × I.D. 60 cm × 21.5 mm, 13 µm particle size	805146
TSKgel® G2000SW _{XL} HPLC Column, phase diol, L × I. D. 30 cm × 7.8 mm, 5 µm particle size	808540
TSKgel® G2500H _{HR} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	817354
TSKgel® G2500H _{XL} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	816135
TSKgel® G2500PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.5 mm, 12 µm particle size	808028

* Name	Catalog Number
TSKgel® G2500PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 60 cm × 7.5 mm, 12 µm particle size	808029
TSKgel® G2500PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 21.5 mm, 17 µm particle size	816248
TSKgel® G2500PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 60 cm × 21.5 mm, 17 µm particle size	808030
TSKgel® G2500PW _{XL} HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 7 µm particle size	808020
TSKgel® G3000H _{HR} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	817355
TSKgel® G3000H _{XL} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 6 µm particle size	816136
TSKgel® G3000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.5 mm, 12 µm particle size	805762
TSKgel® G3000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 60 cm × 7.5 mm, 12 µm particle size	805106
TSKgel® G3000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 21.5 mm, 17 µm particle size	816249
TSKgel® G3000PW _{XL} -CP HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 7 µm particle size	821873
TSKgel® G3000PW _{XL} HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 7 µm particle size	808021
TSKgel® G3000SW HPLC Column, phase diol, L × I.D. 30 cm × 8 mm, 10 µm particle size, glass	808800
TSKgel® G3000SW HPLC Column, phase diol, L × I.D. 60 cm × 7.5 mm, 10 µm particle size	805103
TSKgel® G3000SW HPLC Column, phase diol, L × I.D. 30 cm × 7.5 mm, 10 µm particle size	805789
TSKgel® G3000SW HPLC Column, phase diol, L × I.D. 30 cm × 21.5 mm, 13 µm particle size	806728
TSKgel® G3000SW HPLC Column, phase diol, L × I.D. 60 cm × 21.5 mm, 13 µm particle size	805147
TSKgel® G3000SW _{XL} HPLC Column, phase diol, L × I. D. 30 cm × 7.8 mm, 5 µm particle size	808541
TSKgel® G4000H _{HR} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	817356
TSKgel® G4000H _{XL} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 6 µm particle size	816137
TSKgel® G4000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.5 mm, 17 µm particle size	805763
TSKgel® G4000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 60 cm × 7.5 mm, 17 µm particle size	805107
TSKgel® G4000PW _{XL} HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 10 µm particle size	808022
TSKgel® G4000SW HPLC Column, phase diol, L × I.D. 30 cm × 8 mm, 13 µm particle size, glass	808801
TSKgel® G4000SW HPLC Column, phase diol, L × I.D. 60 cm × 7.5 mm, 13 µm particle size	805104
TSKgel® G4000SW HPLC Column, phase diol, L × I.D. 30 cm × 7.5 mm, 13 µm particle size	805790
TSKgel® G4000SW HPLC Column, phase diol, L × I.D. 60 cm × 21.5 mm, 17 µm particle size	805148
TSKgel® G4000SW HPLC Column, phase diol, L × I.D. 30 cm × 21.5 mm, 17 µm particle size	806729
TSKgel® G4000SW _{XL} HPLC Column, phase diol, L × I. D. 30 cm × 7.8 mm, 8 µm particle size	808542

* Name	Catalog Number	* Name	Catalog Number
TSKgel® G5000H _{XL} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 9 μm particle size	816138	TSKgel® GMH _{HR} -H(30) HT2 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 30 μm particle size	822887
TSKgel® G5000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.5 mm, 17 μm particle size	805764	TSKgel® GMH _{HR} -H(S) HT Guard Column, phase polystyrene-divinylbenzene, GMH, L × I.D. 7.5 cm × 7.5 mm, 30 μm particle size	818397
TSKgel® G5000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 60 cm × 7.5 mm, 17 μm particle size	805108	TSKgel® GMH _{HR} -H HT HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 13 μm particle size	818420
TSKgel® G5000PW _{XL} -CP HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 10 μm particle size	821874	TSKgel® GMH _{HR} -H(S) HT HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 13 μm particle size	818393
TSKgel® G5000PW _{XL} HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 10 μm particle size	808023	TSKgel® GMH _{HR} -H(20) HT HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 20 μm particle size	818392
TSKgel® G6000H _{HR} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 μm particle size	817358	TSKgel® GMH _{HR} -H(30) HT HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 30 μm particle size	818391
TSKgel® G6000H _{XL} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 9 μm particle size	816139	TSKgel® GMH_{HR}-H(20) and (30) HT Guard column, phase polystyrene-divinylbenzene, L × I.D. 7.5 cm × 7.5 mm, 30 μm particle size	818396
TSKgel® G6000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.5 mm, 17 μm particle size	805765	TSKgel® GMH _{XL} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 9 μm particle size	816141
TSKgel® G6000PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 60 cm × 7.5 mm, 17 μm particle size	805109	TSKgel® GMH _{XL} -L HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 6 μm particle size	816652
TSKgel® G6000PW _{XL} -CP HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 13 μm particle size	821875	TSKgel® GMPW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.5 mm, 17 μm particle size	808026
TSKgel® G6000PW _{XL} HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 13 μm particle size	808024	TSKgel® GMPW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 60 cm × 7.5 mm, 17 μm particle size	808027
TSKgel® G7000H _{HR} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 μm particle size	817359	TSKgel® GMPW _{XL} HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 13 μm particle size	808025
TSKgel® G7000H _{XL} HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 9 μm particle size	816140	TSKgel® Guard Holder for 5 and 8 mm ID Glass Columns, pkg of 1 ea	808809
TSKgel® GMH _{HR} -H (20) and (30) Guard Column, phase polystyrene-divinylbenzene, L × I.D. 7.5 cm × 7.5 mm, 30 μm particle size	818402	TSKgel® Hardware and Accessories, pkg of 1 ea	807619
TSKgel® GMH _{HR} -H (20) and (30) HT2 Guard Column, phase polystyrene-divinylbenzene, L × I.D. 7.5 cm × 7.5 mm, 30 μm particle size	822891	TSKgel® Hardware and Accessories, pkg of 3 ea	818207
TSKgel® GMH _{HR} -H(S) Guard Column, phase polystyrene-divinylbenzene, L × I.D. 7.5 cm × 7.5 mm, 13 μm particle size	817367	TSKgel® Hardware and Accessories, L × O.D. × I.D. 150 cm × 1/16 in. × 0.01 in., pkg of 1 ea	802353
TSKgel® GMH _{HR} -H(S) HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 13 μm particle size	817361	TSKgel® Hardware and Accessories, L × O.D. × I.D. 150 cm × 1/16 in. × 0.01 in., pkg of 1 ea	802354
TSKgel® GMH _{HR} -L HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 μm particle size	817362	TSKgel® Hardware and Accessories, L × O.D. × I.D. 150 cm × 1/16 in. × 0.03 in., pkg of 1 ea	802359
TSKgel® GMH _{HR} -M HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 μm particle size	817392	TSKgel® Hardware and Accessories, L × O.D. × I.D. 10 cm × 1/16 in. × 0.01 in., pkg of 5 ea	802374
TSKgel® GMH _{HR} -N HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 μm particle size	818055	TSKgel® Hardware and Accessories, L × O.D. × I.D. 10 cm × 1/16 in. × 0.02 in., pkg of 5 ea	802375
TSKgel® GMH _{HR} -H (20) HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 20 μm particle size	818399	TSKgel® Hardware and Accessories, pkg of 10 ea	803400
TSKgel® GMH _{HR} -H (30) HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 30 μm particle size	818398	TSKgel® Hardware and Accessories, pkg of 2 ea	816566
TSKgel® GMH _{HR} -H(S) HT2 Guard Column, phase polystyrene-divinylbenzene, L × I.D. 7.5 cm × 7.5 mm, 30 μm particle size	822892	TSKgel® Hardware and Accessories, pore size 0.45 μm, pkg of 100 ea	803409
TSKgel® GMH _{HR} -H(S) HT2 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 13 μm particle size	822889	TSKgel® Hardware and Accessories, stainless steel frit, pkg of 2 ea	802342
TSKgel® GMH _{HR} -H(20) HT2 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 20 μm particle size	822888	TSKgel® Hardware and Accessories, for P/N 818207, pkg of 1 ea	818206
		TSKgel® Hardware and Accessories, polycarbonate housing, polypropylene cap, pkg of 1 ea	821400
		TSKgel® Heparin-5PW HPLC Column, phase sulfated glycosaminoglycan, L × I.D. 5 cm × 5 mm, 10 μm particle size	814443
		TSKgel® Heparin-5PW HPLC Column, phase sulfated glycosaminoglycan, L × I.D. 7.5 cm × 8 mm, 10 μm particle size	814444
		TSKgel® HICPAK PW Bulk Media Sampler, phase various, Ether-5PW, Phenyl-5PW, bottle of 2 × 25 mL, 20 μm particle size	843278
		TSKgel® HICPAK PW Bulk Media Sampler, phase Ether-5PW, Phenyl-5PW, bottle of 2 × 25 mL, 30 μm particle size	843175

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
TSKgel® H _{HR} Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 13 µm particle size	817393
TSKgel® H _{HR} Guard Column, phase polystyrene-divinylbenzene, L × I.D. 4 cm × 6 mm, 5 µm particle size	817369
TSKgel® H _{HR} Guard Column, phase polystyrene-divinylbenzene, L × I.D. 4 cm × 6 mm, 5 µm particle size	817368
TSKgel® IC-Cation SW HPLC Column, phase sulfonic acid, L × I.D. 5 cm × 4.6 mm, 5 µm particle size	808055
TSKgel® IEXPAK PW Bulk Media Sampler, phase various, DEAE-5PW, SP-5PW, SuperQ-5PW, bottle of 3 × 25 mL, 20 µm particle size	843380
TSKgel® IEXPAK PW Bulk Media Sampler, phase various, DEAE-5PW, SP-5PW, SuperQ-5PW, bottle of 3 × 25 mL, 30 µm particle size	843280
TSKgel® Lipopropak Guard Column, matrix hydroxylated methacrylic polymer, L × I.D. 4 cm × 6 mm, 17 µm particle size	818059
TSKgel® Lipopropak XL HPLC Column, phase hydroxylated methacrylate, L × I.D. 30 cm × 7.8 mm, 10 µm particle size	818557
TSKgel® Multipore H _{XL} -M HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	818403
TSKgel® NH2-100 DC Direct Connect HPLC Column, phase alkylamine, L × I.D. 5 cm × 4.6 mm, 3 µm particle size	821999
TSKgel® NH2-100 Guard Cartridge, phase alkylamine, L × I.D. 1 cm × 2 mm, 3 µm particle size, pkg of 3 ea	821971
TSKgel® NH2-100 Guard Cartridge, phase alkylamine, L × I.D. 1.5 cm × 3.2 mm, 3 µm particle size, pkg of 3 ea	821972
TSKgel® NH2-100 HPLC Column, phase alkylamine, L × I.D. 5 cm × 2 mm, 3 µm particle size	821967
TSKgel® NH2-100 HPLC Column, phase alkylamine, L × I.D. 15 cm × 2 mm, 3 µm particle size	821968
TSKgel® NH2-100 HPLC Column, phase alkylamine, L × I.D. 5 cm × 4.6 mm, 3 µm particle size	821969
TSKgel® NH2-100 HPLC Column, phase alkylamine, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	821970
TSKgel® OApak-P Guard Column, phase sulphonic acid, L × I.D. 4 cm × 6 mm, 10 µm particle size	816654
TSKgel® OApak-A HPLC Column, phase carboxylic acid, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	816653
TSKgel® Octadecyl-2PW Guard Cartridge, phase C18 (octadecyl), L × I.D. 1 cm × 2 mm, 5 µm particle size, pkg of 3 ea	842161
TSKgel® Octadecyl-4PW Guard Cartridge, phase C18 (octadecyl), L × I.D. 1 cm × 2 mm, 7 µm particle size, pkg of 3 ea	842160
TSKgel® Octadecyl-4PW Guard Cartridge, phase C18 (octadecyl), L × I.D. 1.5 cm × 3.2 mm, 7 µm particle size, pkg of 3 ea	819008
TSKgel® Octadecyl-2PW Guard Column, phase C18 (octadecyl), L × I.D. 1 cm × 4.6 mm, 5 µm particle size	817502
TSKgel® Octadecyl-2PW Guard Column, phase C18 (octadecyl), L × I.D. 1 cm × 6 mm, 5 µm particle size	817503
TSKgel® Octadecyl-2PW HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 4.6 mm, 5 µm particle size	817500
TSKgel® Octadecyl-2PW HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 6 mm, 5 µm particle size	817501
TSKgel® Octadecyl-2PW HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 2 mm, 5 µm particle size	818754
TSKgel® Octadecyl-4PW HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 21.5 mm, 13 µm particle size	816257
TSKgel® Octadecyl-4PW HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 2 mm, 7 µm particle size	818755

* Name	Catalog Number
TSKgel® Octadecyl-4PW HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 4.6 mm, 7 µm particle size	813351
TSKgel® Octadecyl-NPR HPLC Column, phase C18 (octadecyl), L × I.D. 3.5 cm × 4.6 mm, 2.5 µm particle size	814005
TSKgel® Octyl-80Ts HPLC Column, phase C8 (octyl), L × I.D. 15 cm × 4.6 mm, 5 µm particle size	817344
TSKgel® Octyl-80Ts HPLC Column, phase C8 (octyl), L × I.D. 25 cm × 4.6 mm, 5 µm particle size	817345
TSKgel® ODS-100Z Guard Cartridge, phase octadecylmethylsilane, monolayer, L × I.D. 1 cm × 2 mm, 3 µm particle size	821996
TSKgel® ODS-100Z Guard Cartridge, phase octadecylmethylsilane, monolayer, L × I.D. 1 cm × 2 mm, 5 µm particle size	821995
TSKgel® ODS-100Z Guard Cartridge, phase octadecylmethylsilane, monolayer, L × I.D. 1.5 cm × 3.2 mm, 5 µm particle size	821454
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 1 cm × 2 mm, 3 µm particle size	822726
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 1 cm × 2 mm, 5 µm particle size	822748
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 10 cm × 2 mm, 3 µm particle size	822731
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 10 cm × 2 mm, 5 µm particle size	822752
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 10 cm × 3 mm, 3 µm particle size	822738
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 10 cm × 3 mm, 5 µm particle size	822758
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 10 cm × 4.6 mm, 3 µm particle size	822745
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 10 cm × 4.6 mm, 5 µm particle size	822765
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 15 cm × 2 mm, 3 µm particle size	822732
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 15 cm × 2 mm, 5 µm particle size	821459
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 15 cm × 3 mm, 3 µm particle size	822739
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 15 cm × 3 mm, 5 µm particle size	822759
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	822746
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 15 cm × 4.6 mm, 5 µm particle size	821461
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 2 cm × 2 mm, 3 µm particle size	822727
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 2 cm × 2 mm, 5 µm particle size	822749
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 2 cm × 3 mm, 3 µm particle size	822734
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 2 cm × 3 mm, 5 µm particle size	822754

* Name	Catalog Number
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 2 cm × 4.6 mm, 3 µm particle size	822741
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 2 cm × 4.6 mm, 5 µm particle size	822761
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 25 cm × 2 mm, 3 µm particle size	822733
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 25 cm × 2 mm, 5 µm particle size	822753
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 25 cm × 3 mm, 3 µm particle size	822740
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 25 cm × 3 mm, 5 µm particle size	822760
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 25 cm × 4.6 mm, 3 µm particle size	822747
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	821462
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 3.5 cm × 2 mm, 3 µm particle size	822728
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 3.5 cm × 2 mm, 5 µm particle size	822750
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 3.5 cm × 3 mm, 3 µm particle size	822735
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 3.5 cm × 3 mm, 5 µm particle size	822755
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 3.5 cm × 4.6 mm, 3 µm particle size	822742
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 3.5 cm × 4.6 mm, 5 µm particle size	822762
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 5 cm × 2 mm, 3 µm particle size	822729
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 5 cm × 2 mm, 5 µm particle size	821460
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 5 cm × 3 mm, 3 µm particle size	822736
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 5 cm × 3 mm, 5 µm particle size	822756
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 5 cm × 4.6 mm, 3 µm particle size	822743
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 5 cm × 4.6 mm, 5 µm particle size	822763
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 7.5 cm × 2 mm, 3 µm particle size	822730
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 7.5 cm × 2 mm, 5 µm particle size	822751
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 7.5 cm × 3 mm, 3 µm particle size	822737
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 7.5 cm × 3 mm, 5 µm particle size	822757
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 7.5 cm × 4.6 mm, 3 µm particle size	822744

* Name	Catalog Number
TSKgel® ODS-100Z HPLC Column, phase octadecylmethylsilane, monolayer, L × I.D. 7.5 cm × 4.6 mm, 5 µm particle size	822764
TSKgel® ODS-100V Guard Cartridge, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 1.5 cm × 3.2 mm, 5 µm particle size, pkg of 3 ea	821453
TSKgel® ODS-100V Guard Cartridge, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 1 cm × 2 mm, 3 µm particle size	821997
TSKgel® ODS-100V Guard Cartridge, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 1 cm × 2 mm, 5 µm particle size	821841
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 1 cm × 2 mm, 3 µm particle size	821814
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 1 cm × 2 mm, 5 µm particle size	822708
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 10 cm × 2 mm, 3 µm particle size	821938
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 10 cm × 2 mm, 5 µm particle size	822712
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 10 cm × 3 mm, 5 µm particle size	822718
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 10 cm × 4.6 mm, 3 µm particle size	821940
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 10 cm × 4.6 mm, 5 µm particle size	822725
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 15 cm × 2 mm, 5 µm particle size	821458
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 15 cm × 2 mm, 3 µm particle size	821810
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 15 cm × 3 mm, 5 µm particle size	822719
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	821829
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 2 cm × 2 mm, 3 µm particle size	822700
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 2 cm × 2 mm, 5 µm particle size	822709
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 2 cm × 3 mm, 3 µm particle size	822702
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 2 cm × 3 mm, 5 µm particle size	822714
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 2 cm × 4.6 mm, 3 µm particle size	822705
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 2 cm × 4.6 mm, 5 µm particle size	822721
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 25 cm × 2 mm, 3 µm particle size	822701
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 25 cm × 2 mm, 5 µm particle size	822713
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 25 cm × 3 mm, 3 µm particle size	822704
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 25 cm × 3 mm, 5 µm particle size	822720

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 25 cm × 4.6 mm, 3 µm particle size	822707
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 3.5 cm × 4.6 mm, 3 µm particle size	822706
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 3.5 cm × 1 mm, 3 µm particle size	821838
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 3.5 cm × 2 mm, 5 µm particle size	822710
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 3.5 cm × 2 mm, 3 µm particle size	821813
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 3.5 cm × 3 mm, 3 µm particle size	822703
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 3.5 cm × 3 mm, 5 µm particle size	822715
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 3.5 cm × 4.6 mm, 5 µm particle size	822722
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 5 cm × 1 mm, 3 µm particle size	821839
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 5 cm × 2 mm, 5 µm particle size	821457
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 5 cm × 2 mm, 3 µm particle size	821812
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 5 cm × 3 mm, 5 µm particle size	822716
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 5 cm × 4.6 mm, 3 µm particle size	821831
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 5 cm × 4.6 mm, 5 µm particle size	822723
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 7.5 cm × 2 mm, 5 µm particle size	822711
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 7.5 cm × 2 mm, 3 µm particle size	821811
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 7.5 cm × 3 mm, 5 µm particle size	822717
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 7.5 cm × 4.6 mm, 3 µm particle size	821830
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 7.5 cm × 4.6 mm, 5 µm particle size	822724
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 15 cm × 4.6 mm, 5 µm particle size	821455
TSKgel® ODS-100V HPLC Column, phase octadecylmethyl silane, incomplete monolayer, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	821456
TSKgel® ODS-120A Guard Cartridge, phase C18 (octadecyl), L × I.D. 1.5 cm × 3.2 mm, 5 µm particle size, pkg of 3 ea	819005
TSKgel® ODS-120A HPLC Column, phase octadecylsilane, multilayer, L × I.D. 15 cm × 4.6 mm, 5 µm particle size	807636
TSKgel® ODS-120A HPLC Column, phase octadecylsilane, multilayer, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	807124
TSKgel® ODS-120A HPLC Column, phase octadecylsilane, multilayer, L × I.D. 30 cm × 21.5 mm, 10 µm particle size	806172

* Name	Catalog Number
TSKgel® ODS-120A HPLC Column, phase octadecylsilane, multilayer, L × I.D. 30 cm × 7.8 mm, 10 µm particle size	807129
TSKgel® ODS-120T Guard Cartridge, phase C18 (octadecyl), L × I.D. 1.5 cm × 3.2 mm, 5 µm particle size, pkg of 3 ea	819006
TSKgel® ODS-120T HPLC Column, phase octadecylsilane, multilayer, L × I.D. 15 cm × 2 mm, 5 µm particle size	818152
TSKgel® ODS-120T HPLC Column, phase octadecylsilane, multilayer, L × I.D. 25 cm × 2 mm, 5 µm particle size	818153
TSKgel® ODS-120T HPLC Column, phase octadecylsilane, multilayer, L × I.D. 15 cm × 4.6 mm, 5 µm particle size	807637
TSKgel® ODS-120T HPLC Column, phase octadecylsilane, multilayer, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	807125
TSKgel® ODS-120T HPLC Column, phase octadecylsilane, multilayer, L × I.D. 30 cm × 21.5 mm, 10 µm particle size	807134
TSKgel® ODS-120T HPLC Column, phase octadecylsilane, multilayer, L × I.D. 30 cm × 7.8 mm, 10 µm particle size	807130
TSKgel® ODS-140HTP HPLC Column, phase octadecylsilane, multilayer, L × I.D. 10 cm × 2.1 mm, 2.3 µm particle size	821928
TSKgel® ODS-140HTP HPLC Column, phase octadecylsilane, multilayer, L × I.D. 5 cm × 2.1 mm, 2.3 µm particle size	821927
TSKgel® ODS-80Tm Guard Cartridge, phase C18 (octadecyl), L × I.D. 1.5 cm × 3.2 mm, 5 µm particle size, pkg of 3 ea	819004
TSKgel® ODS-80Tm HPLC Column, phase C18 (octadecyl), L × I.D. 7.5 cm × 4.6 mm, 5 µm particle size	816651
TSKgel® ODS-80Tm HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 4.6 mm, 5 µm particle size	808148
TSKgel® ODS-80Tm HPLC Column, phase C18 (octadecyl), L × I.D. 25 cm × 4.6 mm, 5 µm particle size	808149
TSKgel® ODS-80Tm HPLC Column, phase C18 (octadecyl), L × I.D. 30 cm × 21.5 mm, 10 µm particle size	814002
TSKgel® ODS-80Ts Guard Cartridge, phase C18 (octadecyl), L × I.D. 1 cm × 2 mm, 5 µm particle size, pkg of 3 ea	819325
TSKgel® ODS-80Ts Guard Cartridge, phase C18 (octadecyl), L × I.D. 1.5 cm × 3.2 mm, 5 µm particle size, pkg of 3 ea	819011
TSKgel® ODS-80Ts Guard Column, phase C18 (octadecyl), L × I.D. 7.5 cm × 21.5 mm, 10 µm particle size	817385
TSKgel® ODS-80Ts HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 2 mm, 5 µm particle size	818150
TSKgel® ODS-80Ts HPLC Column, phase C18 (octadecyl), L × I.D. 25 cm × 2 mm, 5 µm particle size	818151
TSKgel® ODS-80Ts HPLC Column, phase C18 (octadecyl), L × I.D. 7.5 cm × 4.6 mm, 5 µm particle size	817200
TSKgel® ODS-80Ts HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 4.6 mm, 5 µm particle size	817201
TSKgel® ODS-80Ts HPLC Column, phase C18 (octadecyl), L × I.D. 25 cm × 4.6 mm, 5 µm particle size	817202
TSKgel® ODS-80Ts HPLC Column, phase C18 (octadecyl), L × I.D. 30 cm × 21.5 mm, 10 µm particle size	817380
TSKgel® ODS-80Ts QA HPLC Column, phase octadecylsilane, monolayer, L × I.D. 15 cm × 2 mm, 5 µm particle size	818768

* Name	Catalog Number
TSKgel® ODS-80Ts QA HPLC Column, phase octadecylsilane, monolayer, L × I.D. 15 cm × 4.6 mm, 5 µm particle size	818520
TSKgel® ODS-80Ts QA HPLC Column, phase octadecylsilane, monolayer, L × I.D. 25 cm × 2 mm, 5 µm particle size	818769
TSKgel® ODS-80Ts QA HPLC Column, phase octadecylsilane, monolayer, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	818521
TSKgel® ODS-80Ts QA HPLC Column, phase octadecylsilane, monolayer, L × I.D. 7.5 cm × 4.6 mm, 5 µm particle size	818519
TSKgel® OligoDNA RP HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 4.6 mm, 5 µm particle size	813352
TSKgel® OligoDNA RP HPLC Column, phase C18 (octadecyl), L × I.D. 15 cm × 7.8 mm, 5 µm particle size	813353
TSKgel® G-Oligo-PW Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 4 cm × 6 mm, 13 µm particle size	808034
TSKgel® G-Oligo-PW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 30 cm × 7.8 mm, 7 µm particle size	808031
TSKgel® Phenyl-5PW (20) Bulk Media, phase phenyl, low Ligand density, bottle of 1 L, 20 µm particle size	814719
TSKgel® Phenyl-5PW (20) Bulk Media, phase phenyl, low Ligand density, bottle of 25 mL, 20 µm particle size	843277
TSKgel® Phenyl-5PW (20) Bulk Media, bottle of 250 mL, phase phenyl, low Ligand density, 20 µm particle size	814718
TSKgel® Phenyl-5PW (30) Bulk Media, phase phenyl, low Ligand density, bottle of 25 mL, 30 µm particle size	843177
TSKgel® Phenyl-5PW (30) Bulk Media, phase phenyl, low Ligand density, bottle of 250 mL, 30 µm particle size	814720
TSKgel® Phenyl-5PW (30) Bulk Media, phase phenyl, low Ligand density, bottle of 1 L, 30 µm particle size	814721
TSKgel® Phenyl-5PW Guardgel Kit, phase phenyl, low Ligand density, L × I.D. 2.5 cm × 6 mm, 20 µm particle size	807652
TSKgel® Phenyl-5PW Guardgel Kit, phase phenyl, low Ligand density, L × I.D. 3.5 cm × 10 mm, 20 µm particle size	816095
TSKgel® Phenyl-5PW HPLC Column, phase phenyl, low Ligand density, L × I.D. 7.5 cm × 2 mm, 10 µm particle size, stainless steel hardware	818759
TSKgel® Phenyl-5PW HPLC Column, phase phenyl, low Ligand density, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	807573
TSKgel® Phenyl-5PW HPLC Column, phase phenyl, low Ligand density, L × I.D. 15 cm × 21.5 mm, 13 µm particle size, stainless steel hardware	807656
TSKgel® Phenyl-5PW HPLC Column, phase phenyl, low Ligand density, L × I.D. 5 cm × 5 mm, 10 µm particle size	813063
TSKgel® Phenyl-5PW HPLC Column, phase phenyl, low Ligand density, L × I.D. 7.5 cm × 8 mm, 10 µm particle size	808804
TSKgel® Phenyl-5PW RP Guard Cartridge, phase phenyl, monolayer, L × I.D. 1 cm × 2 mm, 10 µm particle size, pkg of 3 ea	842159
TSKgel® Phenyl-5PW RP Guard Cartridge, phase phenyl, monolayer, L × I.D. 1.5 cm × 3.2 mm, 10 µm particle size, pkg of 3 ea	819007
TSKgel® Phenyl-5PW RP HPLC Column, phase phenyl, monolayer, L × I.D. 15 cm × 21.5 mm, 13 µm particle size	816260
TSKgel® Phenyl-5PW RP HPLC Column, phase phenyl, monolayer, L × I.D. 7.5 cm × 2 mm, 10 µm particle size	818756
TSKgel® Phenyl-5PW RP HPLC Column, phase phenyl, monolayer, L × I.D. 7.5 cm × 4.6 mm, 10 µm particle size	808043

* Name	Catalog Number
TSKgel® Phenyl-5PW RP HPLC Column, phase phenyl, monolayer, L × I.D. 7.5 cm × 8 mm, 10 µm particle size	814007
TSKgel® Protein C4-300 Guard Cartridge, phase butyl, polymeric, L × I.D. 1 cm × 2 mm, 3 µm particle size	822834
TSKgel® Protein C4-300 Guard Cartridge, phase butyl, polymeric, L × I.D. 1.5 cm × 3.2 mm, 3 µm particle size	822833
TSKgel® Protein C4-300 HPLC Column, phase butyl, polymeric, L × I.D. 10 cm × 2 mm, 3 µm particle size	822831
TSKgel® Protein C4-300 HPLC Column, phase butyl, polymeric, L × I.D. 10 cm × 4.6 mm, 3 µm particle size	822828
TSKgel® Protein C4-300 HPLC Column, phase butyl, polymeric, L × I.D. 15 cm × 2 mm, 3 µm particle size	822832
TSKgel® Protein C4-300 HPLC Column, phase butyl, polymeric, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	822829
TSKgel® Protein C4-300 HPLC Column, phase butyl, polymeric, L × I.D. 5 cm × 2 mm, 3 µm particle size	822830
TSKgel® Protein C4-300 HPLC Column, phase butyl, polymeric, L × I.D. 5 cm × 4.6 mm, 3 µm particle size	822827
TSKgel® PW-Type Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 7.5 cm × 7.5 mm, 13 µm particle size	806762
TSKgel® PW-Type Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 7.5 cm × 7.5 mm, 13 µm particle size	806763
TSKgel® PW-Type Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 7.5 cm × 21.5 mm, 17 µm particle size	806758
TSKgel® PW _{XL} -CP Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 4 cm × 6 mm, 13 µm particle size	821876
TSKgel® PW _{XL} Type Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 4 cm × 6 mm, 12 µm particle size	808033
TSKgel® QAE-2SW Guardgel Kit, phase quaternary ammonium, L × I.D. 2.5 cm × 6 mm, 5 µm particle size	807646
TSKgel® QAE-2SW HPLC Column, phase quaternary ammonium, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	807166
TSKgel® QC-PAK GFC 200 HPLC Column, phase diol, L × I.D. 15 cm × 7.8 mm, 5 µm particle size	816215
TSKgel® Reversed Phase HPLC Guard Column	814098
TSKgel® SAX HPLC Column, phase trimethylamine, L × I.D. 15 cm × 6 mm, 5 µm particle size	807157
TSKgel® SCX (H+) HPLC Column, phase sulfonic acid, L × I.D. 30 cm × 7.8 mm, 5 µm particle size	807158
TSKgel® SCX (Na+) HPLC Column, phase sulfonic acid, L × I.D. 15 cm × 6 mm, 5 µm particle size	807156
TSKgel® SP-3PW (30) Bulk Media, phase sulfonic acid, bottle of 1 L, 30 µm particle size	821978
TSKgel® SP-3PW (30) Bulk Media, phase sulfonic acid, bottle of 25 mL, 30 µm particle size	821976
TSKgel® SP-3PW (30) Bulk Media, phase sulfonic acid, bottle of 250 mL, 30 µm particle size	821977
TSKgel® SP-5PW (20) Bulk Media, phase sulfonic acid, bottle of 1 L, 20 µm particle size	814715
TSKgel® SP-5PW (20) Bulk Media, phase sulfonic acid, bottle of 25 mL, 20 µm particle size	843382
TSKgel® SP-5PW (20) Bulk Media, phase sulfonic acid, bottle of 250 mL, 20 µm particle size	814714
TSKgel® SuperQ-5PW (20) Bulk Media, phase quaternary ammonium, bottle of 25 mL, 20 µm particle size	843383
TSKgel® SuperQ-5PW (20) Bulk Media, phase quaternary ammonium, bottle of 1 L, 20 µm particle size	818546
TSKgel® SuperQ-5PW (20) Bulk Media, phase quaternary ammonium, bottle of 250 mL, 20 µm particle size	818535

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
TSKgel® SuperQ-5PW (30) Bulk Media, phase quaternary ammonium, bottle of 1 L, 30 µm particle size	818548
TSKgel® SuperQ-5PW (30) Bulk Media, phase quaternary ammonium, bottle of 25 mL, 30 µm particle size	843283
TSKgel® SuperQ-5PW (30) Bulk Media, phase quaternary ammonium, bottle of 250 mL, 30 µm particle size	818536
TSKgel® SP-5PW (30) Bulk Media, phase sulfonic acid, bottle of 1 L, 30 µm particle size	814717
TSKgel® SP-5PW (30) Bulk Media, phase sulfonic acid, bottle of 25 mL, 30 µm particle size	843282
TSKgel® SP-5PW (30) Bulk Media, phase sulfonic acid, bottle of 250 mL, 30 µm particle size	814716
TSKgel® SP-5PW Guardgel Kit, phase sulfonic acid, L × I.D. 1 cm × 8 mm, 20 µm particle size, glass	808807
TSKgel® SP-5PW Guardgel Kit, phase sulfonic acid, L × I.D. 2.5 cm × 6 mm, 20 µm particle size	807211
TSKgel® SP-5PW Guardgel Kit, phase sulfonic acid, L × I.D. 3.5 cm × 10 mm, 20 µm particle size	816093
TSKgel® SP-5PW HPLC Column, phase sulfonic acid, L × I.D. 15 cm × 20 mm, 13 µm particle size	814017
TSKgel® SP-5PW HPLC Column, phase sulfonic acid, L × I.D. 5 cm × 5 mm, 10 µm particle size	813062
TSKgel® SP-5PW HPLC Column, phase sulfonic acid, L × I.D. 7.5 cm × 8 mm, 10 µm particle size, glass column	808803
TSKgel® SP-5PW HPLC Column, phase sulfonic acid, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	807161
TSKgel® SP-5PW HPLC Column, phase sulfonic acid, L × I.D. 7.5 cm × 2 mm, 10 µm particle size	818758
TSKgel® SP-5PW HPLC Column, phase sulfonic acid, L × I.D. 15 cm × 21.5 mm, 13 µm particle size	807575
TSKgel® SP-NPR HPLC Column, phase sulfonic acid, L × I.D. 3.5 cm × 4.6 mm, 2.5 µm particle size	813076
TSKgel® SP-STAT HPLC Column, phase sulfonic acid, L × I.D. 10 cm × 4.6 mm, 7 µm particle size	821964
TSKgel® SP-STAT HPLC Column, phase sulfonic acid, L × I.D. 3.5 cm × 3 mm, 10 µm particle size	821963
TSKgel® SP-SW Guardgel Kit, phase sulfonic acid, L × I.D. 2.5 cm × 6 mm, 5 µm particle size	807644
TSKgel® SP-2SW HPLC Column, phase sulfonic acid, L × I.D. 25 cm × 4.6 mm, 5 µm particle size	807165
TSKgel® Q-STAT HPLC Column, phase ammonium, quaternary, L × I.D. 3.5 cm × 3 mm, 10 µm particle size	821960
TSKgel® Q-STAT HPLC Column, phase ammonium, quaternary, L × I.D. 10 cm × 4.6 mm, 7 µm particle size	821961
TSKgel® Sugar AXG HPLC Column, phase trimethylamine, L × I.D. 15 cm × 4.6 mm, 10 µm particle size	808640
TSKgel® Sugar AXI HPLC Column, phase trimethylamine, L × I.D. 15 cm × 4.6 mm, 8 µm particle size	808639
TSKgel® SuperAW2500 HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 15 cm × 6 mm, 4 µm particle size	819315
TSKgel® SuperAW3000 HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 15 cm × 6 mm, 4 µm particle size	819316
TSKgel® SuperAW4000 HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 15 cm × 6 mm, 6 µm particle size	819317
TSKgel® SuperAW5000 HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 15 cm × 6 mm, 7 µm particle size	819318
TSKgel® SuperAW6000 HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 15 cm × 6 mm, 9 µm particle size	819319
TSKgel® SuperAW Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 3.5 cm × 4.6 mm, 13 µm particle size	819322

* Name	Catalog Number
TSKgel® SuperAW Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 3.5 cm × 4.6 mm, 7 µm particle size	819321
TSKgel® SuperAWM-H HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 15 cm × 6 mm, 9 µm particle size	819320
TSKgel® SuperH1000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	817990
TSKgel® SuperH2000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	817991
TSKgel® SuperH2500 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	817992
TSKgel® SuperHZ Guard Column, phase polystyrene-divinylbenzene, L × I.D. 3.5 cm × 4.6 mm, 3 µm particle size	819666
TSKgel® SuperH3000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	817993
TSKgel® SuperH4000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	817994
TSKgel® SuperH5000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	817995
TSKgel® SuperH6000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 5 µm particle size	817996
TSKgel® SuperH7000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 5 µm particle size	817997
TSKgel® SuperH Guard Column, phase polystyrene-divinylbenzene, L × I.D. 3.5 cm × 4.6 mm, 3 µm particle size	818003
TSKgel® SuperH Guard Column, phase polystyrene-divinylbenzene, L × I.D. 3.5 cm × 4.6 mm, 3 µm particle size	818002
TSKgel® SuperHM-H HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 10 µm particle size	818001
TSKgel® SuperHM-L HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	817998
TSKgel® SuperHM-M HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	818000
TSKgel® SuperHM-N HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	817999
TSKgel® SuperHZ1000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	819302
TSKgel® SuperHZ1000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	819309
TSKgel® SuperHZ2000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	819310
TSKgel® SuperHZ2000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	819303
TSKgel® SuperHZ2500 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	819311
TSKgel® SuperHZ2500 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	819304
TSKgel® SuperHZ3000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	819312
TSKgel® SuperHZ3000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	819305

* Name	Catalog Number
TSKgel® SuperHZ4000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	819306
TSKgel® SuperHZ4000 HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	819313
TSKgel® SuperHZ Guard Column, phase polystyrene-divinylbenzene, L × I.D. 2 cm × 4.6 mm, 3 µm particle size	819314
TSKgel® SuperH2M-H Guard Column, phase polystyrene-divinylbenzene, L × I.D. 2 cm × 4.6 mm, 10 µm particle size	819668
TSKgel® SuperH2M-H Guard Column, phase polystyrene-divinylbenzene, L × I.D. 3.5 cm × 4.6 mm, 10 µm particle size	819667
TSKgel® SuperH2M-H HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 10 µm particle size	819664
TSKgel® SuperH2M-H HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 10 µm particle size, stainless steel hardware	819665
TSKgel® SuperH2M-M HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	819662
TSKgel® SuperH2M-M HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	819663
TSKgel® SuperH2M-N HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	819660
TSKgel® SuperH2M-N HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 6 mm, 3 µm particle size	819661
TSKgel® SuperMPHZ-H Guard Column, phase polystyrene-divinylbenzene, L × I.D. 2 cm × 4.6 mm, 6 µm particle size	821886
TSKgel® SuperMPHZ-M Guard Column, phase polystyrene-divinylbenzene, L × I.D. 2 cm × 4.6 mm, 4 µm particle size	821489
TSKgel® SuperMPHZ-N Guard Column, phase polystyrene-divinylbenzene, L × I.D. 2 cm × 4.6 mm, 3 µm particle size	821816
TSKgel® SuperMP(PW)-H Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 3.5 cm × 4.6 mm, 12 µm particle size	822795
TSKgel® SuperMP(PW)-M Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 3.5 cm × 4.6 mm, 8 µm particle size	822794
TSKgel® SuperMP(PW)-N Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 3.5 cm × 4.6 mm, 5 µm particle size	822793
TSKgel® SuperMultiporeHZ-H HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 6 µm particle size	821885
TSKgel® SuperMultiporeHZ-M HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 4 µm particle size	821488
TSKgel® SuperMultiporeHZ-N HPLC Column, phase polystyrene-divinylbenzene, L × I.D. 15 cm × 4.6 mm, 3 µm particle size	821815
TSKgel® SuperMultiporePW-H HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 15 cm × 6 mm, 8 µm particle size	822791
TSKgel® SuperMultiporePW-M HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 15 cm × 6 mm, 5 µm particle size	822790
TSKgel® SuperMultiporePW-N HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 15 cm × 6 mm, 4 µm particle size	822789
TSKgel® Super-Octyl Guard Cartridge, phase octylsilane, multilayer, L × I.D. 1 cm × 2 mm, 2.3 µm particle size	842176
TSKgel® Super-Octyl HPLC Column, phase octylsilane, multilayer, L × I.D. 5 cm × 4.6 mm, 2.3 µm particle size	818275

* Name	Catalog Number
TSKgel® Super-Octyl HPLC Column, phase octylsilane, multilayer, L × I.D. 10 cm × 4.6 mm, 2.3 µm particle size	818276
TSKgel® Super-Octyl HPLC Column, phase octylsilane, multilayer, L × I.D. 10 cm × 2 mm, 2.3 µm particle size	820014
TSKgel® Super-Octyl HPLC Column, phase octylsilane, multilayer, L × I.D. 5 cm × 2 mm, 2.3 µm particle size	820013
TSKgel® Super-ODS Guard Cartridge, phase octadecylsilane, multilayer, L × I.D. 1 cm × 2 mm, 2.3 µm particle size, pkg of 3 ea	819672
TSKgel® Super-ODS HPLC Column, phase octadecylsilane, multilayer, L × I.D. 5 cm × 2 mm, 2.3 µm particle size	819541
TSKgel® Super-ODS HPLC Column, phase octadecylsilane, multilayer, L × I.D. 10 cm × 2 mm, 2.3 µm particle size	819542
TSKgel® Super-ODS HPLC Column, phase octadecylsilane, multilayer, L × I.D. 5 cm × 4.6 mm, 2.3 µm particle size	818154
TSKgel® Super-ODS HPLC Column, phase octadecylsilane, multilayer, L × I.D. 10 cm × 4.6 mm, 2.3 µm particle size	818197
TSKgel® Super-ODS HPLC Column, phase octadecylsilane, multilayer, L × I.D. 5 cm × 1 mm, 2.3 µm particle size	820015
TSKgel® SuperOligoPW Guard Column, phase polymethacrylate, hydroxylated, L × I.D. 3.5 cm × 4.6 mm, 4 µm particle size	822796
TSKgel® SuperOligoPW HPLC Column, phase polymethacrylate, hydroxylated, L × I.D. 15 cm × 6 mm, 3 µm particle size	822792
TSKgel® Super-Phenyl Guard Cartridge, phase phenylsilane, multilayer, L × I.D. 1 cm × 2 mm, 2.3 µm particle size	842177
TSKgel® Super-Phenyl HPLC Column, phase phenylsilane, multilayer, L × I.D. 10 cm × 2 mm, 2.3 µm particle size	820018
TSKgel® Super-Phenyl HPLC Column, phase phenylsilane, multilayer, L × I.D. 5 cm × 2 mm, 2.3 µm particle size	820017
TSKgel® Super-Phenyl HPLC Column, phase phenylsilane, multilayer, L × I.D. 5 cm × 4.6 mm, 2.3 µm particle size	818277
TSKgel® Super-Phenyl HPLC Column, phase phenylsilane, multilayer, L × I.D. 10 cm × 4.6 mm, 2.3 µm particle size	818278
TSKgel® SuperQ-5PW Guardgel Kit, phase ammonium, quaternary, L × I.D. 2.5 cm × 6 mm, 20 µm particle size	818388
TSKgel® SuperQ-5PW (20) MiniChrom Column, phase quarternary amine, 20 µm particle size, pore size 1000 Å, L × I.D. 10 cm × 8 mm, MiniChrom Column	845107
TSKgel® SuperSW2000 HPLC Column, phase diol, L × I.D. 30 cm × 4.6 mm, 4 µm particle size	818674
TSKgel® SuperSW3000 HPLC Column, phase diol, L × I.D. 30 cm × 4.6 mm, 4 µm particle size	818675
TSKgel® SuperSW3000 HPLC Column, phase diol, L × I.D. 30 cm × 2 mm, 4 µm particle size	821485
TSKgel® SuperSW3000 HPLC Column, phase diol, L × I.D. 30 cm × 1 mm, 4 µm particle size	821845
TSKgel® SuperSW Guard Column, phase diol, L × I.D. 3.5 cm × 4.6 mm, 4 µm particle size	818762
TSKgel® SuperSW mAb HR Guard Column, phase diol, L × I.D. 4 cm × 6 mm, 4 µm particle size	822857
TSKgel® SuperSW mAb HR HPLC Column, phase diol, L × I.D. 30 m × 7.8 mm, 4 µm particle size	822854
TSKgel® SuperSW mAb HTP Guard Column, phase diol, L × I.D. 2 cm × 3 mm, 4 µm particle size	822858
TSKgel® SuperSW mAb HTP HPLC Column, phase diol, L × I.D. 15 cm × 4.6 mm, 4 µm particle size	822855
TSKgel® SW Top-Off Packing, 10µm, 1 g	806819

3: Analytical Applications & Standards

Third-party Chromatography

* Name	Catalog Number
TSKgel® SW Type Guard Column, phase diol, L × I.D. 7.5 cm × 7.5 mm, 10 µm particle size	805371
TSKgel® SW Type Guard Column, phase diol, L × I.D. 7.5 cm × 21.5 mm, 13 µm particle size	805758
TSKgel® SW-Type Guard Column, phase diol, L × I.D. 4 cm × 8 mm, 10 µm particle size, glass	808805
TSKgel® SW _{XL} Columns, phase diol, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, PEEK hardware	820027
TSKgel® SW _{XL} Columns, phase diol, L × I.D. 30 cm × 7.8 mm, 5 µm particle size, PEEK hardware	820026
TSKgel® SW _{XL} Columns, phase diol, L × I.D. 30 cm × 7.8 mm, 8 µm particle size, PEEK hardware	820025
TSKgel® SW _{XL} Columns, phase diol, L × I.D. 4 cm × 6 mm, 7 µm particle size, PEEK hardware	818008
TSKgel® SW _{XL} Top-Off Gel, phase diol, 5 µm particle size, bottle of 1 g	808544
TSKgel® SW _{XL} Type Guard Column, phase diol, L × I. D. 4 cm × 6 mm, 7 µm particle size	808543
TSKgel® TMS-250 HPLC Column, phase C1 (methyl), L × I.D. 7.5 cm × 4.6 mm, 10 µm particle size	807190
TSKgel® Top-Off for TSKgel® PW _{XL} and G-DNA-PW columns, 10µm, 1g, phase polymethacrylate, hydroxylated, 10 µm particle size, bottle of 1 g	808035
TSKgel® Tresyl-5PW HPLC Media, phase tresyl, 10 µm particle size, bottle of 2 g	816208
TSKgel® UltraSW Aggregate Guard Column, phase diol, L × I.D. 4 cm × 6 mm, 3 µm particle size	822859
TSKgel® UltraSW Aggregate HPLC Column, phase diol, L × I.D. 30 cm × 7.8 mm, 3 µm particle size	822856
TSKgel® UP-SW3000 HPLC Column, phase diol, L × I. D. 30 cm × 4.6 mm, 2 µm particle size	80023448
TSKgel® UP-SW3000 HPLC Column, phase diol, L × I. D. 15 cm × 4.6 mm, 2 µm particle size	80023449
TSKgel® UP-SW Direct Connect Guard Column for P/N 80023448/9	80023451
TSKgel® UP-SW Guard Column for P/N 8002348/9	80023450
TSKgel® VMpak-25 HPLC Column, phase quaternary ammonium, L × I.D. 15 cm × 2 mm, 7 µm particle size	820012
TSKgel® VMpak-25 HPLC Column, phase quaternary ammonium, L × I.D. 5 cm × 2 mm, 7 µm particle size	820011
TSKgel® H _{XL} Guard Column, phase polystyrene-divinylbenzene, L × I.D. 4 cm × 6 mm, 13 µm particle size	813727
TSKgel® H _{XL} Guard Column, phase polystyrene-divinylbenzene, L × I.D. 4 cm × 6 mm, 6 µm particle size	807113
XK 16/100 Column	GE28-9889-47
XK 16/20 Column	GE28-9889-37
XK 16/40 Column	GE28-9889-38
Zenix® SEC-100 Gel Filtration Column, 3µm, L × I.D. 30 cm × 1 mm, 3 µm particle size, stainless steel	Z777002
Zenix® SEC-100 Gel Filtration Column, 3µm, L × I.D. 30 cm × 2.1 mm, 3 µm particle size, stainless steel	Z777004
Zenix® SEC-100 Gel Filtration Column, 3µm, L × I.D. 30 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777006
Zenix® SEC-100 Gel Filtration Column, 3µm, L × I.D. 30 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777008
Zenix® SEC-100 Gel Filtration Column, 3µm, L × I.D. 30 cm × 4.6 mm, 3 µm particle size, PEEK	Z777010
Zenix®-C SEC-100 Gel Filtration Column, 3 µm, L × I. D. 30 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777075
Zenix®-C SEC-100 Gel Filtration Column, 3 µm, L × I. D. 30 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777073
Zenix®-C SEC-100 Gel Filtration Column, 3 µm, L × I. D. 30 cm × 4.6 mm, 3 µm particle size, PEEK	Z777077
Zenix® SEC-100 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 2.1 mm, 3 µm particle size, stainless steel	Z777003
Zenix® SEC-100 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777005

* Name	Catalog Number
Zenix® SEC-100 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, PEEK	Z777009
Zenix® SEC-100 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 1 mm, 3 µm particle size, stainless steel	Z777001
Zenix® SEC-100 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777007
Zenix®-C SEC-100 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777072
Zenix®-C SEC-100 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777074
Zenix®-C SEC-100 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, PEEK	Z777076
Zenix® SEC-150 Gel Filtration Column, 3 µm, L × I.D. 30 cm × 2.1 mm, 3 µm particle size, stainless steel	Z777014
Zenix® SEC-150 Gel Filtration Column, 3 µm, L × I.D. 30 cm × 1 mm, 3 µm particle size, stainless steel	Z777012
Zenix® SEC-150 Gel Filtration Column, 3 µm, L × I.D. 30 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777016
Zenix® SEC-150 Gel Filtration Column, 3 µm, L × I.D. 30 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777018
Zenix® SEC-150 Gel Filtration Column, 3 µm, L × I.D. 30 cm × 4.6 mm, 3 µm particle size, PEEK	Z777020
Zenix®-C SEC-150 Gel Filtration Column, 3 µm, L × I. D. 30 cm × 4.6 mm, 3 µm particle size, PEEK	Z777083
Zenix®-C SEC-150 Gel Filtration Column, 3 µm, L × I. D. 30 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777079
Zenix®-C SEC-150 Gel Filtration Column, 3 µm, L × I. D. 30 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777081
Zenix® SEC-150 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 1 mm, 3 µm particle size, stainless steel	Z777011
Zenix® SEC-150 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 2.1 mm, 3 µm particle size, stainless steel	Z777013
Zenix® SEC-150 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777015
Zenix® SEC-150 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777017
Zenix® SEC-150 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, PEEK	Z777019
Zenix®-C SEC-150 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777078
Zenix®-C SEC-150 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777080
Zenix®-C SEC-150 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, PEEK	Z777082
Zenix® SEC-300 Gel Filtration Column, 3 µm, L × I.D. 15 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777030
Zenix® SEC-300 Gel Filtration Column, 3 µm, L × I.D. 30 cm × 2.1 mm, 3 µm particle size, stainless steel	Z777024
Zenix® SEC-300 Gel Filtration Column, 3 µm, L × I.D. 15 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777026
Zenix® SEC-300 Gel Filtration Column, 3 µm, L × I.D. 25 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777027
Zenix® SEC-300 Gel Filtration Column, 3 µm, L × I.D. 30 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777028
Zenix® SEC-300 Gel Filtration Column, 3 µm, L × I.D. 20 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777031
Zenix® SEC-300 Gel Filtration Column, 3 µm, L × I.D. 25 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777032
Zenix® SEC-300 Gel Filtration Column, 3 µm, L × I.D. 30 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777033
Zenix® SEC-300 Gel Filtration Column, 3 µm, L × I.D. 30 cm × 1 mm, 3 µm particle size, stainless steel	Z777022
Zenix® SEC-300 Gel Filtration Column, 3 µm, L × I.D. 30 cm × 4.6 mm, 3 µm particle size, PEEK	Z777035

* Name	Catalog Number
Zenix®-C SEC-300 Gel Filtration Column, 3 µm, L × I. D. 30 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777087
Zenix®-C SEC-300 Gel Filtration Column, 3 µm, L × I. D. 15 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777085
Zenix®-C SEC-300 Gel Filtration Column, 3 µm, L × I. D. 25 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777086
Zenix®-C SEC-300 Gel Filtration Column, 3 µm, L × I. D. 15 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777089
Zenix®-C SEC-300 Gel Filtration Column, 3 µm, L × I. D. 20 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777090
Zenix®-C SEC-300 Gel Filtration Column, 3 µm, L × I. D. 25 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777091
Zenix®-C SEC-300 Gel Filtration Column, 3 µm, L × I. D. 30 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777092
Zenix®-C SEC-300 Gel Filtration Column, 3 µm, L × I. D. 30 cm × 4.6 mm, 3 µm particle size, PEEK	Z777094
Zenix® SEC-300 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777029
Zenix® SEC-300 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 1 mm, 3 µm particle size, stainless steel	Z777021
Zenix® SEC-300 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 2.1 mm, 3 µm particle size, stainless steel	Z777023
Zenix® SEC-300 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777025
Zenix® SEC-300 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, PEEK	Z777034
Zenix®-C SEC-300 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, stainless steel	Z777084

* Name	Catalog Number
Zenix®-C SEC-300 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 7.8 mm, 3 µm particle size, stainless steel	Z777088
Zenix®-C SEC-300 Gel Filtration Guard Column, 3 µm, L × I.D. 5 cm × 4.6 mm, 3 µm particle size, PEEK	Z777093
Zorbax® HPLC Column, phase C8 (octyl), 7 µm particle size, L × I.D. 15 cm × 4.6 mm	50249-U
Zorbax® HPLC Column, phase amino, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	50251-U
Zorbax® HPLC Column, phase C18 (octadecyl), 5 µm particle size, L × I.D. 25 cm × 4.6 mm	50254-U
Zorbax® HPLC Column, phase C18 (octadecyl), 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50918-U
Zorbax® HPLC Column, phase C8 (octyl), 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50922-U
Zorbax® HPLC Column, phase C8 (octyl), 5 µm particle size, L × I.D. 25 cm × 4.6 mm	50923-U
Zorbax® HPLC Column, phase phenyl, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50924-U
Zorbax® HPLC Column, phase cyano, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50927-U
Zorbax® HPLC Column, phase cyano, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	50931-U
Zorbax® HPLC Column, phase cyano, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50936-U
Zorbax® HPLC Column, phase cyano, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	50941-U
Zorbax® HPLC Column, phase silica, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50942-U
Zorbax® HPLC Column, phase silica, 5 µm particle size, L × I.D. 25 cm × 4.6 mm	50944-U
Zorbax® HPLC Column, phase amino, 5 µm particle size, L × I.D. 15 cm × 4.6 mm	50946-U

The following trademarks and registered trademarks are accurate to the best of our knowledge at the time of publication. Trademarks noted as registered are registered in the United States and possibly other jurisdictions. For the latest information on a specific product, see our website, sigma-aldrich.com, or consult individual manufacturers.

3M Company — 3M™
AB Sciex Pte. Ltd. — iDQuant™
Agilent Technologies, Inc. — Agilent®, Zorbax®
Air Liquide — SCOTTY®
Ajinomoto Co., Inc. — Advantame®
Almatis — alphaBond™
American Gas and Chemical Co., Ltd. — Leak-Tec®
American Society for Testing and Materials — ASTM®
AMVAC Chemical Corporation — Dibrom®
Baker Hughes, Inc. — Polywax®
Bayer AG — Baythroid®
Bayer CropScience US — LibertyLink®
Beckman Coulter, Inc. — Beckman®, Multi-Cell Mount™
Buchem B.V. — Tenax®
CDS Analytical — Dynatherm™
Daicel Corp. — CHIRALPAK®
Ciba Specialty Chemicals Corp. — Irgarol®
3M Company — Petrifilm™
Corning, Inc. — PYREX®
Dentsply Rinn — Wig-L-Bug®
domnick hunter group PLC — NITROX™
Dyna-Tek Industries — Surine™
E. I. du Pont de Nemours and Company — Tedlar®, Tefzel®, Vespel™, Viton®
EKA Chemicals AB — AmyCoat®, CelluCoat®, Eternity™, Kromasil®
Eppendorf AG — Eppendorf®, UVette®
ES Industries — ChromegaChiral™, GreenSep™
European Commission — BCR®, ERM®, IRMM®
Fondazione Salvatore Maugeri IRCCS — radiello™
Gabriel Performance Products, LLC — Fluorolube®
GE Healthcare — HiLoad®, HiPrep™, Mini Q™, Mini S™, Mono P®, Mono Q®, Mono S®, Sephacryl®, SOURCE™, Superdex®, Superose®
Gerstel GmbH & Co. KG — GERSTEL®
Glass Expansion Pty Ltd — Cinnabar™, Conikal™, DuraMist™, IsoMist™, MicroMist™, OpalMist™, PolyCon™, SeaSpray™, Slurry™, Tracey™, Twinnabar™, Twister™, VeeSpray™
GL Sciences, Inc. — Inertsil®
Gowan Company, LLC — Eptam®
GOW-MAC Instrument Co. — GOW-MAC®
Hamilton Co. — Hamilton®
Hayes Separation Inc. — HayeSep®
Hellma GmbH — Hellma®, Hellmanex™, TrayCell™
HERAEUS QUARZGLAS GMBH & CO. — Suprasil®
Hichrom Limited — Partisil™
HiMedia Laboratories Pvt. Ltd. — HiCrome™, HiFluoro™
IDEX Health & Science, LLC — Bottom-of-the-Bottle™, Jun-Air™, LiteTouch®, MarvelX™, Microtight®, RheBuild®, RheFlex®, Rheodyne®, Sealtight™
Imerys Minerals California, Inc. — Chromosorb®
International Crystal Laboratories Corp. — E-Z™, E-Z Press™, Real Crystal®
IonSense, Inc. — IonSense®
Kerry Group — Amicase®, Hy-Case®, Hy-Soy®, N-Z-Amine®, N-Z-Case®, N-Z-Soy®, Pepticase®, Primatone®
Labclear — Oxiclear™
Macherey-Nagel GmbH & Co. KG — Nucleosil®
Makhteshim Chemical Works Ltd. — Guthion®
Merck KGaA, Darmstadt, Germany — LiChrosorb®, LiChrospher®, Superspher®
Merlin Instrument Co. — MicroSeal™
Messer Group GmbH — Oxisorb®
Monsanto Co. — Roundup Ready™
National Institute of Standards and Technology — NIST®, SRM®
Norgren, Inc. — Norgren®
Norit N.V. — Norit®
Optimize Technologies, Inc. — EXP®, OPTI-GUARD®, Opti-Max®, OPTI-SOLV®
Pall Corporation — Metrical®, Zefluor™, Zylon™
Parker Hannifin — Chromgas®, domnick hunter®, Parker®
Pentapharm — Pefabloc®
PerkinElmer Inc. — PerkinElmer®
ScanBec GmbH — HybriScan™
Scientific Glass Technology B.V. — Shortix™
Scientific Systems, Inc. — LO-Pulse™, SSI™
Seipax Technologies — Antibodix®, Proteomix®, SRT®, Zenix®
SGE Analytical Science Pty Ltd. — FocusLiner™, PEEKSiil™
Shimadzu Corporation — Shimadzu™
Siemens Industry, Inc. — Vocarb®
Sigma-Aldrich Co. LLC — Aldrich®, apHera™, Ascendis®, Asset™, Astec®, BIOshell™, BTEXTRAP™, CapSeal Bullet®, Carboxen®, Carboxieve®, Carbotrap®, Carboxen®, CHIRALDEX®, CHIROBIOTIC®, Cleaving™, CYCLOBOND®, DEX™, Discovery®, Dynaseal™, ENVI™, ENVI-Carb™, ENVI-Disk™, Equity®, GlasSeal™, Graphsphere™, Hisep™, HybridSPE®, Nukol™, Omegawax®, OMI®, ORBO™, P-CAP™, Pelliguard™, Petrocol®, PHOLIPIDEC®, Preppy™, Pyrosep™, Rezorian™, SAC™, Sigma Pseudo™, SLB®, SP™, SPB®, StableFlex™, Supel™, Supelcarb®, Supelclean™, Supelco®, SUPELCOGEL™, SUPELCOSIL™, SUPELCOWAX®, Supelguard™, Supelpak™, SupelPRO™, Supelpure®, Supel-Q™, Supeltex®, Sup-Herb™, Suplex™, TDS™, Thermogreen®, Therm-O-Ring™, Titan™, TraceCERT®, Trizma®, VETANAL™, Visidry™, Visiprep™, VOCOL®, Watercol™
Sigma-Aldrich International GmbH — FluoroSELECT™, PESTANAL®
Silberline Manufacturing Co., Inc. — Silvex®
Specac, Inc. — Oyster™, Pearl™
Specac Ltd. — Specac®
Special Metals Corporation — Incoloy®, Inconel®
SP Scienceware, a division of SP — Vakuwash®
Swagelok Company — SNOOP®, Swagelok®
System, Inc. — NO-OX™
Tekmar Co. — Tekmar®
The Dow Chemical Company or an affiliated company of Dow — Amberlite®, XAD®
Thermo Fisher Scientific or its subsidiaries — TRACE™
Tosoh Corporation — BioAssist®, Toyopearl®, Toyopearl GigaCap®, Toyopearl MegaCap®, ToyoScreen®, TSKgel®
Union Carbide — Carbowax®, Tergitol®
U.S. Silica Company — Florisil®
Valco Instruments Co. Inc. — Mininert®, Valco®
Varian Medical Systems, Inc. — Varian®, Vista™
Waters — PoraPak™, Spherisorb®, Waters®
Wisconsin Alumni Research Foundation — Warfarin™
W.R. Grace & Co.-Conn. — Exsil™
Zefon International — Escort®

MilliporeSigma
290 Concord Rd.
Billerica, MA 01821
Phone: (800) 645-5476

MilliporeSigma.com

Safety-related Information: sigma-aldrich.com/safetycenter

