



RESTEK

HRMalytic +61(0)3 9762 2034
ECHnology Pty Ltd

Australian Distributors
Importers & Manufacturers
www.chromtech.net.au

11/12

REFERENCE STANDARDS

Detailed Table of Contents440-441

Single Component Solutions443-448

Custom Reference Standards449

Environmental Standards

500 Series Drinking Water Analyses 451-463

600 Series Wastewater Analyses 464-469

Method 418.1 470

Method 1311 470

Method 1664 470

Method 3500 470

8000 Series Solid Waste Analyses 471-485

Contract Lab Program 486-495

PCBs 495-496

Organotins 496

Minnesota Dept. of Agriculture Pesticides 497

International Environmental Mixes 498-500

Underground Storage

Tank Monitoring 501-512

ASTM Environmental Standards 513

Petroleum & Petrochemical Standards

ASTM Methods 515-517

Petroleum & Sulfur Standards 518-521

Clinical, Forensic & Toxicology Standards

Fire Debris Analysis 523

Blood Alcohols, Bank Dye, Explosives 524

Drugs of Abuse 525

Pharmaceutical Standards

USP Solvents 527-528

Limit of Diethylene & Ethylene Glycol Standards 528

European Pharmacopoeia Solvents 528-529

Composition of Fatty Acids by GC 529

ASTM Methods 529

Foods, Flavors & Fragrances Standards

Flavors & Fragrances 531

Nutritional Analysis 531-533

Food Safety 534-535

Food Testing 536

Derivatization Reagents 537

Column Test Mixes

GC & HPLC 538-539

Gas Calibration Standards427-432

RESTEK

HRMalytic +61(0)3 9762 2034
ECHnology Pty Ltd

Australian Distributors
Importers & Manufacturers
www.chromtech.net.au

11/12

Single Component Solutions	443-448
Custom Reference Standards	449
Environmental Reference Standards	
500 Series Methods – US EPA Safe Drinking Water Act (SDWA)	
Methods 501.1, 501.2, 501.3 – Trihalomethanes	451
Methods 502.1, 502.2 – Volatile Halogenated Organics	452-453
Method 504.1 – Ethylene Dibromide/Dibromochloropropane	453
Method 505 – Organohalide Pesticides & PCBs	453
Method 506 – Phthalate & Adipate Esters	453
Method 507 – Nitrogen & Phosphorus Pesticides	454
Methods 508, 508.1, 508A – Chlorinated Pesticides	454-455
Methods 515, 515.4 – Chlorinated Acid Herbicides	455
Method 521 – Nitrosamines	456
Methods 524.1, 524.2 – Volatile Organics	456-457
Methods 525, 525.1, 525.2 – Semivolatile Organics	458-459
Method 526 – Semivolatile Organics	459
Method 527 – Pesticides & Flame Retardants (GC/MS)	459
Method 528 – Phenols	460
Method 529 – Nitroaromatics & Nitramines	460
Methods 531.1, 531.2 – Carbamates	461
Method 532 – Phenylurea Pesticides	461
Method 535 – Chloroacetanilide Herbicide Degradates	461
Method 547 – Glyphosate	461
Method 549.2 – Paraquat/Diquat	461
Method 551.1 – Chlorinated Pesticides & Herbicides	462
Methods 552, 552.1, 552.2, 552.3 – Haloacetic Acids and Dalapon	462-463
Method 555 – Chlorinated Acids	463
Drinking Water Odor Standard	463
600 Series Methods – US EPA Clean Water Act (CWA)	
Method 601 – Purgeable Hydrocarbons	464
Method 602 – Purgeable Aromatics	464
Method 603 – Acrolein/Acrylonitrile	464
Method 604 – Phenols	464
Method 605 – Benzidine/3,3'-Dichlorobenzidine	464
Method 606 – Phthalate Esters	464
Method 607 – Nitrosamines	465
Method 608 – Organochlorine Pesticides & PCBs	465
Method 609 – Nitroaromatics & Isophorone	465
Method 610 – Polycyclic Aromatic Hydrocarbons (PAHs)	465
Method 611 – Haloethers	465
Method 612 – Chlorinated Hydrocarbons	465
Method 615 – Chlorinated Acid Herbicides	466
Method 624 – Purgeable Halocarbons	466-467
Method 625 – Semivolatile Organics	468
Tuning Mixtures	469
Technical Chlordane, Toxaphene Solutions	469
Aroclor Solutions	469
8000 Series Methods – Resource Conservation and Recovery Act (RCRA)	
Method 418.1 – Total Recoverable Petroleum Hydrocarbons (TRPH)	470
Method 1311 – Toxicity Characteristics Leaching Procedure (TCLP)	470
Method 1664 – Oil & Grease	470
Method 3500 – Organic Extraction Surrogates	470
Method 8010 – Halogenated Volatile Organics	471
Method 8011 – 1,2-Dibromoethane, 1,2-Dibromo-3-chloropropane	471
Method 8020 – Aromatic Volatile Organics	471
Method 8021 – Volatile Organics	472
Method 8040 – Phenols	472
Method 8061A – Phthalate Esters	472
Methods 8080, 8081 – Chlorinated Pesticides	472-473
Methods 8082, 8082A – PCBs	473
Method 8095 – Explosives by GC	473-474
Method 8100 – Polycyclic Aromatic Hydrocarbons	474
Methods 8140, 8141 – Organophosphorus Pesticides	474
Methods 8150, 8151, 8151A – Chlorinated Acid Herbicides	475
Method 8240 – Volatile Organic Compounds (VOC)	476
Methods 8260, 8260A, 8260B – Volatile Organic Compounds (VOC)	477-478
Methods 8270D, 8270C – Semivolatile Organic Compounds	479-482
Method 8310 – Polycyclic Aromatic Hydrocarbons	483
Method 8315 – Aldehydes/Ketones DNPH by HPLC	483
Method 8321 – Chlorinated Acids by HPLC	484
Method 8330 – Nitroaromatics and Nitramines by HPLC	484-485
EPA Superfund Contract Lab Program (CLP)	
Volatiles – QA Mixes (SOM01.1, 04.2, 04.1, 10/92 SOW)	486
Volatiles – Calibration Mixes (04.2, 04.1, 3/90 SOW, OLC 03.2)	487-488
Semivolatiles – QA Mixes (SOM01.1, 04.2, 04.1, 4/89, 3/90 SOW, Low Concentration)	488-489
Semivolatiles – Calibration Mixes (SOM01.1, 04.2, 04.1, 4/89, 3/90 SOW, 03.2, Low Concentration)	490-492
CLP GPC – Calibration Mixes	492
Pesticides – QA Mixes (SOM01.1, 04.2, 04.1, 03.2, 3/90, 4/89, 2/88 SOW)	493

CLP Pesticides Mixtures – QA Mixes	493-494
CLP Pesticides Mixtures – Calibration Mixes	495
Pesticide Calibration Mixtures	495
Technical Chlordane, Toxaphene Solutions	495
Aroclor Solutions	495
PCB Congeners	496
Additional Environmental Standards	
Organotin Mixes	496
Minnesota Department of Agriculture Pesticides	497
International Environmental Mixes	
Canada	498-499
Europe	499
Japan	499
ISO/DIS 9377 Water Quality Testing	500
Underground Storage Tank (UST) Monitoring	
Retention Time Standards	501
Fuel Composite Standards	501
Motor Oil Composite Standards	501
Single Source Fuel Standards	502
Military Fuels	502
Fuel Oil Degradation Test	503
Mineral Spirits	503
Petroleum Volatile Organic Compounds (PVOC), Gasoline Range Organics (GRO), Benzene-Toluene-Ethylbenzene-Xylenes (BTEX)	503-504
Gasoline & Diesel Surrogates and Internal Standards	504
Diesel/Biodiesel Standard	504
State Specific Methods:	
Alaska	505-506
Arizona	507
California; Los Angeles County, CA	507
Connecticut	507
Florida	507
Massachusetts	508-509
Michigan	509
Mississippi	509
New Jersey	510
Northwest (Oregon/Washington)	510
Pennsylvania	511
Tennessee/Mississippi	511
Texas	511
Washington	512
Wisconsin	512
ASTM Environmental Methods	
E1387 and E1618 – Fire Debris Analysis	513
D5197 – Formaldehyde and Other Carbonyl Compounds in Air	513
D5836-03 – Isocyanates in Indoor Air	513
Petroleum & Petrochemical Reference Standards	
ASTM Methods	
D2887-01, D2887, D3710-95 – Simulated Distillation Petrochemical Mixtures	515
D3606 – Determination of Benzene & Toluene in Finished Motor & Aviation Gasoline by GC	515
D4059-96 – PCB Standards in Oil	516
D6352-98 – Polywax® Standards	516
D6584-00 – Biodiesel	516
D6730-01 – Determination of Individual Components in Spark Ignition Engine Fuels	516-517
Petroleum & Sulfur Standards	518-521
Clinical, Forensic & Toxicology Reference Standards	
Fire Debris	523
Blood Alcohol	524
Bank Dye	524
Explosives	524
Exempted Drugs of Abuse	525
Pharmaceutical Reference Standards	
USP Solvents	527-528
Limit of Diethylene & Ethylene Glycol Standards	528
European Pharmacopoeia Solvents	528-529
Composition of Fatty Acids by GC	529
ASTM Methods: D6042-96 – Plastic Container Testing	529
Foods, Flavors & Fragrances Reference Standards	
Flavors & Fragrances	531
Nutritional Analysis	531-533
EP 2.4.22 Composition of Fatty Acids by GC	533
Food Safety	534-535
Food Testing	536
Derivatization Reagents	537
Column Test Mixes	
GC, HPLC & OQ/PQ	538-539
Dimethyldichlorosilane Deactivating Agent	539
Gas Calibration Standards	427-432



REFERENCE STANDARDS SINGLE COMPONENT SOLUTIONS

Individual Compounds443-448
Custom Standards449



Compound Packaged 1mL/ampul*	CAS#	Solvent Code	Individual µg/mL*	Individual cat.#	price
acenaphthene	83-32-9	M	1,000	31267	
acenaphthylene	208-96-8	M	1,000	31268	
acetaldehyde-2,4-DNPH	1019-57-4	ACN	100	33074	
acetochlor	34256-82-1	M	100	33208	
acetochlor ESA sodium salt	187022-11-3	M	100	33092	
acetochlor OA	184992-44-4	M	100	33094	
acetone	67-64-1	PTM	5,000	30245	
acetone-2,4-DNPH	1567-89-1	ACN	100	33075	
acetonitrile	75-05-8	DMSO	2.05mg/mL	36281	
acetonitrile	75-05-8	PTM	1,000	30495	
acetophenone	98-86-2	PTM	5,000	30621	
acifluorfen	50594-66-6	M	1,000	32255	
acifluorfen methyl ester	50594-67-7	M	1,000	32256	
acrolein	107-02-8	PTM	5,000	30645	
acrolein	107-02-8	W	5,000	30646	
acrylamide	79-06-1	M	1,000	30494	
acrylonitrile	107-13-1	PTM	2,000	30246	
alachlor	15972-60-8	M	1,000	32204	
alachlor	15972-60-8	M	100	33207	
alachlor ESA sodium salt	142363-53-9	M	100	33096	
alachlor OA	171262-17-2	M	100	33099	
aldrin	309-00-2	M	1,000	32205	
allyl chloride	107-05-1	PTM	2,000	30248	
alprazolam	28981-97-7	PTM	1,000	34042	
2-amino-4,6-dinitrotoluene	35572-78-2	ACN	1,000	31670	
4-amino-2,6-dinitrotoluene	19406-51-0	ACN	1,000	31671	
aminomethyl phosphonic acid (AMPA)	1066-51-9	W	100	32428	
ammeline	645-93-2	DEA:W	1,000	33249	
ammeline	645-92-1	DEA:W	1,000	33250	
ammonium picrate**	131-74-8	ACN	2,000	31890	
amobarbital	64-43-7	PTM	1,000	34028	
d-amphetamine	51-63-8	PTM	1,000	34020	
tert-amyl alcohol	75-85-4	PTM	10,000	30631	
tert-amyl ethyl ether (TAE)	919-94-8	PTM	2,000	30617	
tert-amyl methyl ether (TAME)	994-05-8	PTM	2,000	30629	
5-α-androstane	438-22-2	D	2,000	31065	
aniline	62-53-3	M	1,000	31470	
anthracene	120-12-7	A	1,000	31269	
anthracene-d10	1719-06-08	D	2,000	31037	
anthracene	120-12-7	ACN	100	33264	
antifoam agent for purge & trap	N/A	Neat	1mL	31822	
aprobital	77-02-1	PTM	1,000	34029	
Aramite	140-57-8	H	2,000	31624	
Aroclor 1016	12674-11-2	H	1,000	32006	
Aroclor 1016	12674-11-2	I	200	32064	
Aroclor 1016	12674-11-2	TO	500mg/kg	32076	
Aroclor 1016	12674-11-2	TO	50mg/kg	32075	
Aroclor 1221	11104-28-2	H	1,000	32007	
Aroclor 1221	11104-28-2	I	200	32065	
Aroclor 1221	11104-28-2	TO	500mg/kg	32078	
Aroclor 1221	11104-28-2	TO	50mg/kg	32077	
Aroclor 1232	11141-16-5	H	1,000	32008	
Aroclor 1232	11141-16-5	I	200	32066	
Aroclor 1232	11141-16-5	TO	500mg/kg	32080	
Aroclor 1232	11141-16-5	TO	50mg/kg	32079	
Aroclor 1242	53469-21-9	H	1,000	32009	
Aroclor 1242	53469-21-9	I	200	32067	
Aroclor 1242	53469-21-9	TO	500mg/kg	32082	
Aroclor 1242	53469-21-9	TO	50mg/kg	32081	
Aroclor 1248	12672-29-6	H	1,000	32010	
Aroclor 1248	12672-29-6	I	200	32068	
Aroclor 1248	12672-29-6	TO	500mg/kg	32084	
Aroclor 1248	12672-29-6	TO	50mg/kg	32083	
Aroclor 1254	11097-69-1	H	1,000	32011	
Aroclor 1254	11097-69-1	I	200	32069	
Aroclor 1254	11097-69-1	TO	500mg/kg	32086	
Aroclor 1254	11097-69-1	TO	50mg/kg	32085	
Aroclor 1260	11096-82-5	H	1,000	32012	
Aroclor 1260	11096-82-5	I	200	32070	
Aroclor 1260	11096-82-5	TO	500mg/kg	32088	
Aroclor 1260	11096-82-5	TO	50mg/kg	32087	

Compound Packaged 1mL/ampul*	CAS#	Solvent Code	Individual µg/mL*	Individual cat.#	price
Aroclor 1262	37324-23-5	H	1,000	32409	
Aroclor 1268	11100-14-4	H	1,000	32410	
atrazine	1912-24-9	A	1,000	32208	
aviation gas	8006-69-1	PTM	2,500	30094	
aviation gas	8006-69-1	PTM	50,000	30207	
aviation gas (5mL)	8006-69-1	PTM	50,000	30208	
azobenzene	103-33-3	D	1,000	31496	
barbital	57-44-3	PTM	1,000	34030	
bentazon	25057-89-0	M	1,000	32257	
benzaldehyde	100-52-7	D	2,000	33017	
benzaldehyde-2,4-DNPH	1157-84-2	ACN	100	33077	
benzene	71-43-2	DMSO	10mg/mL	36282	
benzene	71-43-2	D	250	35262	
benzene	71-43-2	PTM	2,000	30249	
benzene-d6	1076-43-3	PTM	2,000	30025	
benzidine	92-87-5	M	1,000	31441	
benzo(a)anthracene	56-55-3	M	1,000	31270	
benzo(a)pyrene	50-32-8	A	1,000	31271	
benzo(b)fluoranthene	205-99-2	A	1,000	31272	
benzo(ghi)perylene	191-24-2	D	1,000	31273	
benzo(k)fluoranthene	207-08-9	A	1,000	31274	
benzoguanamine	91-76-9	DEA:W	1,000	33251	
benzoguanamine (5mL)	91-76-9	DEA:W	1,000	33252	
benzoic acid	65-85-0	D	2,000	31879	
benzoic acid	65-85-0	M	1,000	31415	
benzoylcegonine	519-09-5	PTM	1,000	34016	
benzphetamine	5411-22-3	PTM	1,000	34022	
benzyl benzoate	120-51-4	H	5,000	31847	
α-BHC	319-84-6	M	1,000	32206	
β-BHC	319-85-7	A	1,000	32209	
δ-BHC	319-86-8	M	1,000	32217	
γ-BHC (lindane)	58-89-9	M	1,000	32226	
bis(2-ethylhexyl)adipate	103-23-1	M	1,000	31449	
bis(2-ethylhexyl)phthalate	117-81-7	D	1,000	31420	
bromazepam	1812-30-2	PTM	1,000	34043	
bromobenzene	108-86-1	PTM	2,000	30250	
2-bromobutanoic acid	80-58-0	MTBE	2,000	31881	
2-bromobutyrate	3196-15-4	MTBE	2,000	31882	
2-bromochlorobenzene	694-80-4	PTM	2,000	30228	
4-bromochlorobenzene	106-39-8	PTM	2,000	30230	
1-bromo-2-chloroethane	107-04-0	PTM	2,000	30469	
bromochloromethane	74-97-5	PTM	2,000	30225	
2-bromo-1-chloropropane	3017-95-6	PTM	2,000	30226	
bromodichloromethane	75-27-4	PTM	2,000	30251	
4-bromo-3,5-dimethylphenyl- N-methylcarbamate (BDMC)	3766-81-2	M	100	32274	
1-bromo-4-fluorobenzene	460-00-4	A	1,000	31854	
4-bromofluorobenzene	460-00-4	PTM	2,000	30026	
4-bromofluorobenzene	460-00-4	PTM	2,500	30067	
4-bromofluorobenzene	460-00-4	PTM	5,000	30003	
4-bromofluorobenzene	460-00-4	PTM	10,000	30082	
bromoform	75-25-2	PTM	2,000	30252	
bromomethane	74-83-9	PTM	2,000	30253	
1-bromo-2-nitrobenzene	577-19-5	A	1,000	32279	
2-bromopropionic acid	598-72-1	MTBE	1,000	31653	
butabarbital	125-40-6	PTM	1,000	34031	
butachlor ESA sodium salt		M	100	33202	
1,3-butadiene	106-99-0	PTM	2,000	30622	
butalbitol	77-26-9	PTM	1,000	34032	
1,4-butanediol	110-63-4	M	1,000	34078	
(s)-(-)-1,2,4-butanetriol	42890-76-6	pyridine	1,000	33024	
(s)-(-)-1,2,4-butanetriol (5mL)	42890-76-6	pyridine	1,000	33032	
1-butanol	71-36-3	PTM	50,000	30474	
tert-butanol	75-65-0	PTM	50,000	30470	
tert-butanol-d9	25725-11-5	PTM	20,000	30618	
2-butanone (MEK)	78-93-3	PTM	5,000	30254	
n-butyraldehyde-2,4-DNPH	1527-98-6	ACN	100	33079	
γ-butyrolactone (GBL)	96-48-0	ACN	1,000	34077	

Solvent code:

- A = acetone
- ACN = acetonitrile
- C = carbon disulfide
- Cy = cyclohexane
- D = methylene chloride
- DEA = diethylamine
- DMSO = dimethyl sulfoxide
- EA = ethyl acetate
- H = hexane
- I = isooctane
- Ip = isopropanol
- M = methanol
- MTBE = methyl tert-butyl ether
- PTM = purge & trap grade methanol
- T = toluene
- TO = transformer oil
- W = water (DI)

*Volume is 1mL/ampul unless otherwise noted. Concentration is µg/mL unless otherwise noted.

**Meets all DOT requirements. Available only to customers or distributors inside the 48 contiguous United States; item may not be resold for export.



Single Component Solutions

Compound Packaged 1mL/ampul*	CAS#	Solvent Code	µg/mL*	Individual cat.#	price
caffeine	74051-80-2	W	5	31804	
caffeine	74051-80-2	W	25	31803	
caffeine	74051-80-2	W	125	31802	
caffeine	74051-80-2	W	250	31801	
caffeine	74051-80-2	W	500	31800	
caffeine	58-08-2	M	1,000	34084	
cannabidiol	13956-24-1	PTM	1,000	34011	
cannabinol	521-35-7	PTM	1,000	34010	
ε-caprolactam	105-60-2	D	2,000	31833	
carbazole	86-74-8	D	1,000	31836	
carbazole	86-74-8	M	1,000	31430	
carbon disulfide	75-15-0	PTM	2,000	30258	
carbon tetrachloride	56-23-5	DMSO	20mg/mL	36283	
carbon tetrachloride	56-23-5	PTM	2,000	30259	
chloral hydrate	302-17-0	ACN	1,000	30609	
chlordan (technical)	57-74-9	H	1,000	32021	
chlordan (technical)	57-74-9	I	5,000	32072	
chlordan (technical)	57-74-9	M	2,000	32016	
α-chlordan	5103-71-9	M	1,000	32207	
γ-chlordan	5566-34-7	M	1,000	32227	
chlordiasepoxide	438-41-5	PTM	1,000	34044	
4-chloroaniline	106-47-8	D	2,000	31211	
chlorobenzene	108-90-7	DMSO	1.8mg/mL	36284	
chlorobenzene	108-90-7	PTM	2,000	30261	
chlorobenzene-d5	3114-55-4	PTM	2,000	30223	
chlorobenzilate	510-15-6	M	1,000	32211	
chloroethane	75-00-3	PTM	2,000	30263	
2-chloroethanol	107-07-3	PTM	2,000	30264	
2-chloroethyl vinyl ether	110-75-8	PTM	2,000	30265	
1-chloro-2-fluorobenzene	348-51-6	PTM	2,000	30040	
1-chloro-4-fluorobenzene	352-33-0	PTM	2,500	30066	
chloroform	67-66-3	DMSO	0.3mg/mL	36285	
chloroform	67-66-3	PTM	2,000	30266	
chloromethane	74-87-3	PTM	2,000	30267	
2-chloronaphthalene	91-58-7	M	1,000	31284	
4-chloro-3-nitrobenzotrifluoride	121-17-5	A	1,000	32282	
1-chlorooctadecane	3386-33-2	D	10,000	31098	
1-chlorooctane	111-85-3	PTM	10,000	30084	
chloroprene	126-99-8	PTM	5,000	30238	
chlorpyrifos	2921-88-2	M	1,000	32212	
chrysene	218-01-9	A	1,000	31275	
clobazam	22316-47-8	PTM	1,000	34045	
clonazepam	1622-61-3	PTM	1,000	34046	
cocaethylene	529-38-4	ACN	1,000	34066	
cocaine	53-21-4	PTM	1,000	34015	
codeine	76-57-3	PTM	1,000	34000	
continine	486-56-6	M	1,000	34086	
creosote oil	8001-58-9	D	50,000	31838	
crotonaldehyde-2,4-DNPH	1527-96-4	ACN	100	33080	
cyanazine	21725-46-2	A	1,000	32215	
cyanoic acid	108-80-5	DEA:W	1,000	33248	
cyclohexane	110-82-7	DMSO	19.4mg/mL	36286	

Compound Packaged 1mL/ampul*	CAS#	Solvent Code	µg/mL*	Individual cat.#	price
2,4-D (2,4-dichlorophenylacetic acid)	94-75-7	M	1,000	32239	
2,4-D methyl ester	1928-38-7	M	1,000	32240	
Dacthal (DCPA dimethyl ester)	1861-32-1	M	1,000	32216	
dalapon	75-99-0	ACN	1,000	32432	
dalapon	75-99-0	M	1,000	32253	
dalapon	75-99-0	M	2,000	32056	
dalapon methyl ester	17640-02-7	H	2,000	32057	
dalapon methyl ester	17640-02-7	M	1,000	32254	
2,4-DB	94-82-6	M	1,000	32241	
DCPA diacid	2136-79-0	M	200	32261	
2,4'-DDD	53-19-0	M	1,000	32098	
4,4'-DDD	72-54-8	M	1,000	32201	
2,4'-DDE	3424-82-6	M	1,000	32099	
4,4'-DDE	72-55-9	M	1,000	32202	
2,4'-DDT	789-02-6	M	1,000	32200	
4,4'-DDT	50-29-3	M	1,000	32203	
decachlorobiphenyl (BZ #209)	2051-24-3	A	200	32029	
decachlorobiphenyl (BZ #209)	2051-24-3	I	10	32289	
decachlorobiphenyl (BZ #209) (5mL)	2051-24-3	A	200	32030	
decafluorobiphenyl	434-90-2	A	1,000	31855	
decafluorobiphenyl	434-90-2	D	2,000	31041	
decafluorobiphenyl	434-90-2	ACN	1,000	31842	
decafluorotriphenylphosphine (DFTPP)	5074-71-5	D	2,500	31001	
n-decane	124-18-5	Neat	1mL	31858	
desethyl-atrazine	6190-65-4	A	1,000	32445	
desisopropylatrazine	1007-28-9	A	1,000	32446	
dextromethorphan HBr monohydrate	125-69-9	M	1,000	34081	
dextro-propoxyphene	1639-60-7	PTM	1,000	34008	
diazepam	439-14-5	PTM	1,000	34047	
dibenzo(a,h)anthracene	53-70-3	D	1,000	31276	
4,4'-dibromobiphenyl	92-86-4	D	2,000	31039	
4,4'-dibromobiphenyl	92-86-4	EA	500	32092	
dibromochloromethane (chlorodibromochloromethane)	124-48-1	PTM	2,000	30271	
1,2-dibromo-3-chloropropane (DBCP)	96-12-8	PTM	2,000	30270	
1,2-dibromoethane	106-93-4	PTM	2,000	30272	
dibromofluoromethane	1868-53-7	Neat	100mg	30634	
dibromomethane	74-95-3	PTM	2,000	30430	
4,4'-dibromooctafluorobiphenyl	10386-84-2	D	2,000	31040	
4,4'-dibromooctafluorobiphenyl	10386-84-2	H	250	32053	
4,4'-dibromooctafluorobiphenyl	10386-84-2	MTBE	2,000	31856	
2,3-dibromopropionic acid	600-05-5	MTBE	1,000	31655	
2,5-dibromotoluene	615-59-8	PTM	1,000	30435	
2,5-dibromotoluene	615-59-8	PTM	10,000	30453	
dibutylchlorendate	1770-80-5	A	200	32025	
dicamba	1918-00-9	M	1,000	32247	
dicamba methyl ester	6597-78-0	M	1,000	32248	

Custom Reference Standards Quotes

Visit us at www.restek.com/solutions



Catch the Buzz

Sign up for Restek's e-newsletter, *The Buzz*
www.restek.com/buzz

*Volume is 1mL/ampul unless otherwise noted. Concentration is µg/mL unless otherwise noted.

Compound Packaged 1mL/ampul*	CAS#	Solvent Code	µg/mL*	Individual cat.#	price
1,2-dichlorobenzene	95-50-1	M	1,000	31442	
1,3-dichlorobenzene	541-73-1	M	1,000	31443	
1,4-dichlorobenzene	106-46-7	ACN	1,000	30498	
1,4-dichlorobenzene	106-46-7	M	1,000	31444	
1,2-dichlorobenzene-d4	2199-69-1	PTM	2,000	30049	
3,3'-dichlorobenzidine	91-94-1	D	2,000	31835	
3,3'-dichlorobenzidine	91-94-1	M	2,000	31026	
3,5-dichlorobenzoic acid	51-36-5	MTBE	1,000	31652	
3,5-dichlorobenzoic acid methyl ester	2905-67-1	M	1,000	32264	
3,5-dichlorobenzoic acid methyl ester	2905-67-1	MTBE	1,000	31649	
1,4-dichlorobutane	110-56-5	PTM	2,000	30227	
trans-1,4-dichloro-2-butene	110-57-6	PTM	2,000	30274	
dichlorodifluoromethane (CFC-12)	75-71-8	PTM	2,000	30275	
1,1-dichloroethane	75-34-3	PTM	2,000	30276	
1,2-dichloroethane	107-06-2	DMSO	25mg/mL	36288	
1,2-dichloroethane	107-06-2	PTM	2,000	30277	
1,2-dichloroethane-d4	17060-07-0	PTM	2,000	30027	
1,1-dichloroethene	75-35-4	DMSO	40mg/mL	36287	
1,1-dichloroethene	75-35-4	PTM	2,000	30278	
cis-1,2-dichloroethene	156-59-2	PTM	2,000	30279	
trans-1,2-dichloroethene	156-60-5	PTM	2,000	30280	
cis-1,2-dichloroethylene	156-59-2	DMSO	4.67mg/mL	36289	
trans-1,2-dichloroethylene	156-60-5	DMSO	4.67mg/mL	36290	
2,6-dichlorophenol	87-65-0	M	1,000	31409	
2,4-dichlorophenylacetic acid	19719-28-9	M	200	32049	
2,4-dichlorophenylacetic acid	19719-28-9	A	1,000	32439	
2,4-dichlorophenyl acetic acid methyl ester	55954-23-9	H	200	32050	
1,2-dichloropropane	78-87-5	PTM	2,000	30281	
2,2-dichloropropane	594-20-7	PTM	2,000	30283	
cis-1,3-dichloropropene	10061-01-5	PTM	2,000	30284	
trans-1,3-dichloropropene	10061-02-6	PTM	2,000	30285	
2,3-dichloropropionic acid	565-64-0	MTBE	1,000	31650	
2,3-dichloropropionic acid methyl ester	3674-09-7	MTBE	1,000	31651	
1,2-dichlorotetrafluoroethane (CFC-114)	76-14-2	PTM	2,000	30476	
dichlorprop	120-36-5	M	1,000	32249	
dichlorprop methyl ester	57153-17-0	M	1,000	32250	
dieldrin	60-57-1	M	1,000	32218	
diesel fuel #2 composite	68334-30-5	D	5,000	31093	
diesel fuel #2 composite	68334-30-5	D	50,000	31258	
diesel fuel #2 composite (5mL)	68334-30-5	D	50,000	31259	
diesel fuel #2: 25% weathered	68334-30-5	D	5,000	31234	
diesel fuel #2: 50% weathered	68334-30-5	D	5,000	31235	
diesel fuel #2: 75% weathered	68334-30-5	D	5,000	31236	
diesel fuel #2: unweathered	68334-30-5	D	5,000	31233	
diesel/biodiesel 80:20	67784-80-9	D	5,000	31880	
diethyl ether (ethyl ether)	60-29-7	PTM	2,000	30286	
1,4-difluorobenzene	540-36-3	PTM	2,000	30032	
diisopropyl ether (DIPE)	108-20-3	PTM	2,000	30627	
dimethachlor ESA sodium salt		M	100	33203	

Compound Packaged 1mL/ampul*	CAS#	Solvent Code	µg/mL*	Individual cat.#	price
1,2-dimethoxyethane	173201-80-4	DMSO	0.5mg/mL	36291	
N,N-dimethylacetamide	127-19-5	DMSO	5.45mg/mL	36292	
dimethyldichlorosilane (DMDCS) (20mL)	75-78-5	Neat	20mL	31840	
N,N-dimethylformamide	68-12-2	DMSO	4.4mg/mL	36293	
3,5-dinitroaniline	618-87-1	ACN	1,000	31661	
1,2-dinitrobenzene	528-29-0	M	1,000	31453	
1,3-dinitrobenzene	99-65-0	ACN	1,000	31662	
1,4-dinitrobenzene	100-25-4	ACN	2,000	33205	
2,4-dinitrophenol	51-28-5	M	1,000	31291	
2,4-dinitrotoluene	121-14-2	ACN	1,000	31663	
2,6-dinitrotoluene	606-20-2	ACN	1,000	31664	
3,4-dinitrotoluene	610-39-9	EA	2,000	33901	
3,4-dinitrotoluene	610-39-9	M	1,000	31452	
di-n-octyl phthalate	117-84-0	M	1,000	31426	
dinoseb	88-85-7	M	1,000	32251	
dinoseb methyl ether	6099-79-2	M	1,000	32252	
diolein (1,3-di[<i>cis</i> -octadecenoyl] glycerol)	2465-32-9	pyridine	5,000	33022	
1,4-dioxane	123-91-1	DMSO	1.9mg/mL	36294	
1,4-dioxane	123-91-1	D	2,000	31853	
1,4-dioxane	123-91-1	PTM	2,000	30287	
1,4-dioxane-d8	17647-74-4	PTM	2,000	30614	
1,2-diphenylhydrazine	122-66-7	M	1,000	31497	
diuron	330-54-1	ACN	200	32450	
ecgonine	5796-31-6	PTM	1,000	34017	
ecgonine methyl ester	38969-40-3	PTM	1,000	34018	
EDDP perchlorate	66729-78-0	M	1,000	34069	
EGDN**	628-96-6	M	1,000	31601	
endosulfan I	959-98-8	M	1,000	32221	
endosulfan II	33213-65-9	M	1,000	32222	
endosulfan sulfate	1031-07-8	M	1,000	32223	
endrin	72-20-8	M	1,000	32219	
endrin aldehyde	7421-93-4	M	1,000	32224	
endrin ketone	53494-70-5	M	1,000	32220	
ethanol	64-17-5	PTM	2,000	30288	
ethanol	64-17-5	W	10,000	30466	
2-ethoxyethanol	110-80-5	DMSO	0.8mg/mL	36295	
ethylbenzene	100-41-4	DMSO	1.84mg/mL	36296	
ethylbenzene	100-41-4	PTM	2,000	30290	
ethylbenzene-d10	25837-05-2	PTM	2,000	30029	
ethylbenzene-d5	20302-26-5	PTM	2,000	30028	
ethyl- <i>tert</i> -butyl ether (ETBE)	637-92-3	PTM	2,000	30628	
ethylenediamine	107-15-3	M	540	35222	
ethylene glycol	3775-85-7	DMSO	3.1mg/mL	36297	
ethylene oxide	75-21-8	DMSO	500	36005	
ethyl methacrylate	97-63-2	PTM	2,000	30289	
fentanyl	437-38-7	M	1,000	34082	
nor-fentanyl oxalate	1609-66-1	M	1,000	34083	

Solvent code:

- A = acetone
- ACN = acetonitrile
- C = carbon disulfide
- Cy = cyclohexane
- D = methylene chloride
- DEA = diethylamine
- DMSO = dimethyl sulfoxide
- EA = ethyl acetate
- H = hexane
- I = isooctane
- Ip = isopropanol
- M = methanol
- MTBE = methyl *tert*-butyl ether
- PTM = purge & trap grade methanol
- T = toluene
- TO = transformer oil
- W = water (DI)

Documentation Search

Find what you need fast at www.restek.com/documents

- Material safety data sheets
- Certificates of analysis
- Datapacks (by catalog number and/or lot number)



*Volume is 1mL/ampul unless otherwise noted. Concentration is µg/mL unless otherwise noted.

**Meets all DOT requirements. Available only to customers or distributors inside the 48 contiguous United States; item may not be resold for export.

Compound Packaged 1mL/ampul*	CAS#	Solvent Code	Individual $\mu\text{g/mL}^*$	Individual cat.#	price
flunitrazepam	1622-62-4	PTM	1,000	34049	
fluoranthene	206-44-0	M	1,000	31277	
fluorene	86-73-7	M	1,000	31278	
fluorobenzene	462-06-6	PTM	2,000	30030	
2-fluorobiphenyl	321-60-8	D	2,000	31091	
2-fluorobiphenyl	321-60-8	D	10,000	31096	
1-fluoronaphthalene	321-38-0	D	2,000	31092	
2-fluorophenol	367-12-4	D	2,000	31047	
flurazepam	1172-18-5	PTM	1,000	34050	
formaldehyde-DNPH	1081-15-8	ACN	500	31837	
formaldehyde-2,4-DNPH	1081-15-8	ACN	100	33082	
formaldehyde oxazoladine		T	2,000	33004	
formamide	75-12-7	DMSO	1.1mg/mL	36298	
fuel oil # 4	68476-31-3	D	5,000	31216	
fuel oil # 4	68476-31-3	D	50,000	31244	
fuel oil # 5	70892-11-4	D	5,000	31217	
fuel oil # 5	70892-11-4	D	50,000	31246	
fuel oil # 6	68553-00-4	D	5,000	31218	
fuel oil # 6	68553-00-4	D	50,000	31248	
fuel oil # 6 (5mL)	68553-00-4	D	50,000	31249	
DL-glutethimide	18389-24-7	PTM	1,000	34058	
glycerin	56-81-5	pyridine	500	33020	
glycolaldehyde-2,4-DNPH		ACN	100	33091	
glyphosate	1071-83-6	W	1,000	32426	
glyphosate (5mL)	1071-83-6	W	1,000	32427	
1,6-HDIP	72375-27-0	DMSO	1,000	33002	
heptachlor	76-44-8	M	1,000	32228	
heptachlor epoxide (isomer B)	1024-57-3	M	1,000	32230	
2,2',3,4,4',5,5'-heptachlorobiphenyl (BZ #180)	35065-29-3	I	10	32288	
hexachlorobenzene	118-74-1	A	1,000	32231	
2,2',3,4,4',5'-hexachlorobiphenyl (BZ #138)	35065-28-2	I	10	32286	
2,2',4,4',5,5'-hexachlorobiphenyl (BZ #153)	35065-27-1	I	10	32287	
hexachloro-1,3-butadiene	87-68-3	M	1,000	31435	
hexachlorocyclopentadiene	77-47-4	M	1,000	32232	
hexachloroethane	67-72-1	M	1,000	31436	
hexachlorophene	70-30-4	D	2,000	31811	
hexaldehyde-2,4-DNPH	1527-97-5	ACN	100	33083	
hexane	8031-34-3	DMSO	1.45mg/mL	36299	
hexobarbital	56-29-1	PTM	1,000	34033	
hexyl 2-ethylhexyl phthalate	75673-16-4	H:A	1,000	33228	
HMX**	2691-41-0	ACN	1,000	31665	
hydraulic oil	64741-89-5	D	50,000	31839	
hydrocodone	34195-34-1	PTM	1,000	34002	
hydromorphone	71-68-1	PTM	1,000	34063	
indeno(1,2,3-cd)pyrene	193-39-5	D	1,000	31279	
iodomethane	74-88-4	PTM	2,000	30292	
isobutyl alcohol	78-83-1	PTM	2,000	30293	
isobutylbenzene		M	1,000	30613	
isobutyraldehyde-2,4-DNPH	2057-82-1	ACN	100	33084	
isopropylbenzene	98-82-8	PTM	2,000	30294	
jet fuel A	64742-47-8	D	5,000	31215	
jet fuel A	64742-47-8	D	50,000	31242	
jet fuel A (5mL)	64742-47-8	D	50,000	31243	
JP-4 military fuel	8008-20-6	D	5,000	31219	
JP-4 military fuel	8008-20-6	D	50,000	31250	
JP-4 military fuel	8008-20-6	PTM	50,000	30472	

Compound Packaged 1mL/ampul*	CAS#	Solvent Code	Individual $\mu\text{g/mL}^*$	Individual cat.#	price
JP-5 military fuel	8008-20-6	D	5,000	31220	
JP-5 military fuel	8008-20-6	D	50,000	31252	
JP-8 military fuel	8008-20-6	D	5,000	31262	
JP-8 military fuel	8008-20-6	D	50,000	31254	
kerosene composite	84742-81-0	D	5,000	31094	
kerosene composite	84742-81-0	D	50,000	31256	
kerosene composite (5mL)	84742-81-0	D	50,000	31257	
kerosene: 25% weathered	84742-81-0	D	5,000	31230	
kerosene: 50% weathered	84742-81-0	D	5,000	31231	
kerosene: 75% weathered	84742-81-0	D	5,000	31232	
kerosene: unweathered	84742-81-0	D	5,000	31229	
levorphanol	5985-38-6	PTM	1,000	34003	
lorazepam	846-49-1	PTM	1,000	34051	
MCPA	94-74-6	M	1,000	32269	
MCPP	93-65-2	M	1,000	32271	
3,4-MDA HCl	4764-17-4	M	1,000	34070	
3,4-MDEA HCl	82801-81-8	M	1,000	34072	
4,4-MDIP	72375-24-7	DMSO	1,000	33003	
3,4-MDMA HCl	42542-10-9	M	1,000	34071	
melamine	108-78-1	DEA:W	1,000	33247	
mepredine	50-13-5	PTM	1,000	34004	
mephobarbital	115-38-8	PTM	1,000	34034	
meprobamate	57-53-4	PTM	1,000	34059	
methacrolein-2,4-DNPH	5077-73-6	ACN	100	33095	
methacrylonitrile	126-98-7	PTM	2,000	30297	
methadone	1095-90-5	PTM	1,000	34005	
(+)-methamphetamine	51-57-0	PTM	1,000	34021	
methanol	67-56-1	DMSO	15mg/mL	36401	
methanol	67-56-1	W	10,000	30467	
methaqualone	340-56-7	PTM	1,000	34064	
methohexital	151-83-7	PTM	1,000	34035	
methoxychlor	72-43-5	M	1,000	32233	
2-methoxyethanol	109-86-4	DMSO	0.25mg/mL	36402	
1-(methylamino)anthraquinone	82-38-3	D	100	31823	
methyl arachidate	1120-28-1	Neat		35056	
methyl arachidonate	2566-89-4	Neat		35060	
methyl behenate	929-77-1	Neat		35062	
methyl 2-bromopropionate	5445-17-0	MTBE	1,000	31654	
methyl tert-butyl ether (MTBE)	1634-04-4	PTM	2,000	30402	
methylbutylketone	591-78-6	DMSO	0.25mg/mL	36400	
methyl caprate	110-42-9	Neat		35041	
methyl caproate	106-70-7	Neat		35037	
methyl caprylate	111-11-5	Neat		35039	
methylcyclohexane	108-87-2	DMSO	5.9mg/mL	36403	
methyl-2,3-dibromopropionate	1729-67-5	MTBE	1,000	31656	
2-methyl-4,6-dinitrophenol	534-52-1	M	1,000	31292	
methyl eicosadienoate	2463-02-7	Neat		35058	
methyl eicosatrienoate	55682-88-7	Neat		35059	
methyl eicosenoate	2390-09-2	Neat		35057	
methyl erucate	1120-34-9	Neat		35063	
methyl heneicosanoate	6064-90-0	Neat		35061	
methyl heptadecanoate	1731-92-6	Neat		35050	
methyl heptanoate	106-73-0	Neat		35038	

Reference Standards Search

Search by compound name, synonym, or CAS #.

Visit us at www.restek.com/reference



quantity discounts

Order 3 or 4 of any one reference standard and receive a **10% discount!**

Order 5 or more of any one reference standard and receive a **20% discount!**

Quantity discounts are not available on all reference standards.

*Volume is 1mL/ampul unless otherwise noted. Concentration is $\mu\text{g/mL}$ unless otherwise noted.

**Meets all DOT requirements. Available only to customers or distributors inside the 48 contiguous United States; item may not be resold for export.

Compound Packaged 1mL/ampul*	CAS#	Solvent Code	Individual $\mu\text{g/mL}^*$	cat.#	price
methyl laurate	111-82-0	Neat		35043	
methyl lignocerate	2442-49-1	Neat		35064	
methyl linoleate	112-63-0	Neat		35053	
methyl linolenate	301-00-8	Neat		35054	
methyl methacrylate	80-62-6	PTM	2,000	30299	
methyl myristate	124-10-7	Neat		35045	
methyl myristoleate	56219-06-8	Neat		35046	
1-methylnaphthalene	90-12-0	M	1,000	31283	
2-methylnaphthalene	91-57-6	D	1,000	31285	
methyl nervonate	2733-88-2	Neat		35065	
2-methyl-4-nitroaniline	99-55-8	M	1,000	31612	
methyl nonadecanoate	1731-94-8	Neat		35055	
2-methylnonane		D	1,000	31870	
methyl nonanoate	1731-84-6	Neat		35040	
methyl oleate	112-62-9	Neat		35052	
methyl palmitate	112-39-0	Neat		35048	
methyl palmitoleate	1120-25-8	Neat		35049	
methyl pentadecanoate	7132-64-1	Neat		35047	
4-methyl-2-pentanone (MIBK)	108-10-1	PTM	5,000	30400	
3-methylphenol	108-39-4	M	1,000	31403	
N-methylpyrrolidone	872-50-4	DMSO	2.65mg/mL	36405	
methyl stearate	112-61-8	Neat		35051	
methyl tridecanoate	1731-88-0	Neat		35044	
methyl undecanoate	1731-86-8	Neat		35042	
α -methylene- γ -butyrolactone (AMGBL)	547-65-9	ACN	1,000	34079	
methylene chloride (dichloromethane)	75-09-2	DMSO	3mg/mL	36404	
methylene chloride (dichloromethane)	75-09-2	PTM	2,000	30401	
methylpyrrolone	125-64-4	PTM	1,000	34060	
metolachlor	51218-45-2	M	100	33209	
metolachlor ESA sodium salt	171118-09-5	M	100	33200	
metolachlor OA	152019-73-3	M	100	33201	
metribuzin	21087-64-9	A	1,000	32436	
mineral spirits: 25% weathered	8030-30-6	D	5,000	31226	
mineral spirits: 50% weathered	8030-30-6	D	5,000	31227	
mineral spirits: 75% weathered	8030-30-6	D	5,000	31228	
mineral spirits: unweathered	8030-30-6	D	5,000	31225	
mineral spirits: unweathered (5mL)	8030-30-6	D	50,000	31261	
monolein (1-mono[<i>cis</i> -9-octadecenoyl]- rac-glycerol)	111-03-5	pyridine	5,000	33021	
monopalmitin	524-44-9	pyridine	5,000	33026	
morphine	6211-15-0	PTM	1,000	34006	
motor oil composite	64742-47-8	D	50,000	31464	
naphthalene	91-20-3	M	1,000	31280	
naphthalene-d8	1146-65-2	D	2,000	31043	
nicarbazin (bis-nitrophenol urea)	330-95-0	ACN	10	33261	
nicotine	54-11-5	M	1,000	34085	
nitrazepam	146-22-5	PTM	1,000	34053	
nitrobenzene	99-95-3	ACN	1,000	31657	
nitrobenzene-d5	4165-60-0	D	2,000	31044	
nitroglycerin**	55-63-0	M	1,000	31498	
nitroguanidine**	556-88-7	M	1,000	31602	
2-nitromesitylene	603-71-4	M	2,000	33902	
nitromethane	75-52-5	DMSO	0.25mg/mL	36406	
4-nitrophenol	100-02-7	M	1,000	31296	
2-nitropropane	79-46-9	PTM	2,000	30403	
N-nitrosodimethylamine	62-75-9	M	1,000	31427	
N-nitrosodimethylamine-d6	17829-05-9	D	1,000	33910	
N-nitrosodiphenylamine	86-30-6	M	1,000	31429	
N-nitroso-di-n-propylamine	621-64-7	M	1,000	31428	
N-nitrosodi-n-propylamine-d14	93951-96-3	D	1,000	33911	

*Volume is 1mL/ampul unless otherwise noted. Concentration is $\mu\text{g/mL}$ unless otherwise noted.

**Meets all DOT requirements. Available only to customers or distributors inside the 48 contiguous United States; item may not be resold for export.

Compound Packaged 1mL/ampul*	CAS#	Solvent Code	Individual $\mu\text{g/mL}^*$	cat.#	price
2-nitrotoluene	88-72-2	ACN	1,000	31659	
3-nitrotoluene	99-08-1	ACN	1,000	31660	
4-nitrotoluene	99-99-0	ACN	1,000	31658	
<i>n</i> -nonatriacontane (C39)	7194-86-7	C	3,000	31456	
<i>n</i> -nonatriacontane (C39) (10mL)	7194-86-7	C	3,000	31877	
<i>n</i> -octacosane (C28)	630-02-4	D	10,000	31672	
oxazepam	604-75-1	PTM	1,000	34054	
oxycodone	124-90-3	PTM	1,000	34007	
oxymorphone	76-41-5	PTM	1,000	34065	
PCB 18 (5mL)	37680-65-2	ACN	50	33255	
PCB 28 (5mL)	7012-37-5	ACN	50	33256	
PCB 52 (5mL)	35693-99-3	ACN	50	33257	
PCB 138 (5mL)	35065-28-2	ACN	50	33262	
PCB 153 (5mL)	35065-27-1	ACN	50	33263	
pentachloroanisole	1825-21-4	M	1,000	32268	
2,2',4,5,5'-pentachlorobiphenyl (BZ #101)	37680-73-2	I	10	32285	
2,3',4,4',5-pentachlorobiphenyl (BZ #118)	31508-00-6	I	10	32293	
pentachloroethane	76-01-7	PTM	2,000	30404	
pentachloronitrobenzene	82-68-8	EA	100	32091	
pentachlorophenol	87-86-5	M	1,000	31297	
<i>n</i> -pentacontane (C50)	6596-40-3	T	10	31685	
pentacosane (C25)	629-99-2	D	10,000	31487	
pentafluorobenzene	363-72-4	PTM	2,000	30031	
pentafluorophenol	771-61-9	D	2,000	31048	
pentazocine	64024-15-3	PTM	1,000	34062	
pentobarbital	76-74-4	PTM	1,000	34036	
perfluorotributylamine (PFTBA)	311-89-7	Neat	1mL	30482	
perfluorotributylamine (PFTBA)	311-89-7	Neat	1g	33027	
PETN (pentaerythritol tetranitrate)**	78-11-5	M	1,000	31600	
phenanthrene	85-01-8	M	1,000	31281	
phenanthrene-d10	1517-22-2	D	2,000	31045	
phencyclidine	956-90-1	PTM	1,000	34027	
phendimetrazine	50-58-8	PTM	1,000	34025	
phenmetrazine	1707-14-8	PTM	1,000	34026	
phenobarbital	50-06-6	PTM	1,000	34037	
phenol	108-95-2	M	1,000	31298	
phenol-d6	13127-88-3	D	2,000	31049	
phentermine	1197-21-3	PTM	1,000	34024	
phenylpropanolamine HCl	154-41-6	M	1,000	34073	
picloram	1918-02-1	M	1,000	32265	
picloram methyl ester	14143-55-6	M	1,000	32266	
picric acid**	88-89-1	M	1,000	31499	
Polywax 500	9002-88-4	Neat	1g	36224	
Polywax 655	9002-88-4	Neat	1g	36225	
Polywax 850	9002-88-4	Neat	1g	36226	
Polywax 1000	9002-88-4	Neat	1g	36227	
prazepam	2955-38-6	PTM	1,000	34055	
prometryne	7287-19-6	A	1,000	32449	
propachlor	1918-16-7	M	1,000	32235	
2-propanol	67-63-0	W	50,000	30473	
propazine	139-40-2	A	1,000	32448	
propionaldehyde-2,4-DNPH	725-00-8	ACN	100	33086	
propionitrile	107-12-0	PTM	2,000	30407	
propylene glycol dinitrate (PGDN)	6423-43-4	M	1,000	31821	
pyrene	129-00-0	M	1,000	31282	
pyridine	110-86-1	DMSO	1mg/mL	36407	
pyridine	110-86-1	PTM	2,000	30409	
pyridine-d5	7291-22-7	D	2,000	31046	

Solvent code:

A = acetone	I = iso-octane
ACN = acetonitrile	Ip = isopropanol
C = carbon disulfide	M = methanol
Cy = cyclohexane	MTBE = methyl <i>tert</i> -butyl ether
D = methylene chloride	PTM = purge & trap grade methanol
DEA = diethylamine	T = toluene
DMSO = dimethyl sulfoxide	TO = transformer oil
EA = ethyl acetate	W = water (DI)
H = hexane	

Compound Packaged 1mL/ampul*	Solvent CAS#	Code	$\mu\text{g/mL}^*$	Individual cat.#	price
RDX**	121-82-4	ACN	1,000	31666	
secobarbital	29071-21-4	PTM	1,000	34038	
simazine	122-34-9	A	1,000	32236	
stearyl stearate (10mL)	2778-96-3	Cy	2,000	31636	
stearyl stearate (10mL)	2778-96-3	H	2,000	31681	
stearyl stearate	2778-96-3	Neat	100mg	31860	
Stoddard solvent	8052-41-3	PTM	10,000	30487	
styrene	100-42-5	PTM	2,000	30410	
sulfolane	126-33-0	DMSO	0.8mg/mL	36413	
2,4,5-T	93-76-5	M	200	32243	
2,4,5-T methyl ester	1928-37-6	M	1,000	32244	
talbutal	115-44-6	PTM	1,000	34039	
2,4-TDIP	72375-21-4	DMSO	1,000	33001	
2,6-TDIP	195625-39-9	DMSO	1,000	33000	
temazepam	896-50-4	PTM	1,000	34056	
terbutylazine	5915-41-3	A	1,000	32447	
<i>o</i> -terphenyl	84-15-1	A	2,000	31066	
<i>o</i> -terphenyl	84-15-1	D	10,000	31097	
<i>p</i> -terphenyl	92-94-4	D	10,000	31095	
<i>p</i> -terphenyl-d14	1718-51-0	D	1,000	31828	
α -terpineol	98-55-5	D	2,000	33912	
2,2',5,5'-tetrachlorobiphenyl (BZ #52)	35693-99-3	I	10	32284	
1,1,1,2-tetrachloroethane	630-20-6	PTM	2,000	30411	
1,1,2,2-tetrachloroethane	79-34-5	PTM	2,000	30412	
tetrachloroethene	127-18-4	PTM	2,000	30413	
2,3,4,6-tetrachlorophenol	58-90-2	M	1,000	31402	
2,4,5,6-tetrachloro- <i>m</i> -xylene	877-09-8	A	200	32027	
2,4,5,6-tetrachloro- <i>m</i> -xylene (5mL)	877-09-8	A	200	32028	
<i>n</i> -tetracosane (C40)	4181-95-7	Neat	100mg	31859	
tetrahydrofuran (THF)	109-99-9	DMSO	3.6mg/mL	36408	
tetrahydrofuran (THF)	109-99-9	PTM	2,000	30414	
tetralin	119-64-2	DMSO	0.5mg/mL	36409	
tetrapentyltin	3765-65-9	D	2,000	31475	
tetra- <i>n</i> -propyltin	2176-98-9	D	2,000	31474	
teryl**	479-45-8	ACN	1,000	31667	
Δ^8 -THC	1972-08-3	M	1,000	34067	
(\pm)11-nor-9-carboxy- Δ^8 -THC	104874-50-2	M	100	34068	
thebaine	115-37-7	PTM	1,000	34009	
thiopental	71-73-8	PTM	1,000	34041	
Tinuvin P	2440-22-4	Ip	51.8	31629	
toluene	108-88-3	DMSO	4.45mg/mL	36410	
toluene	108-88-3	PTM	2,000	30415	
toluene-d8	2037-26-5	PTM	2,000	30224	
toxaphene	8001-35-2	H	1,000	32005	
toxaphene	8001-35-2	I	5,000	32071	
toxaphene	8001-35-2	M	2,000	32015	
2,4,5-TP (Silvex)	93-72-1	M	1,000	32245	
2,4,5-TP (Silvex) methyl ester	4841-20-7	M	1,000	32246	
transformer oil (PCB-free)	64742-53-6	Neat	50mL	32425	
transformer oil (PCB-free)	64742-53-6	Neat	5mL	32424	
<i>n</i> -triacontane-d62 (C30)	638-68-6	D	500	31816	
triazolam	28911-01-5	PTM	1,000	34057	
2,4,6-tribromophenol	118-79-6	M	1,000	31401	
tributylphosphate	126-73-8	A	1,000	32280	
tributyltin chloride	1461-22-9	D	2,000	31478	
tricaprin (1,2,3-tricaprinoylglycerol)	621-71-6	pyridine	8,000	33025	
tricaprin (1,2,3-tricaprinoylglycerol) (5mL)	621-71-6	pyridine	8,000	33033	

Compound Packaged 1mL/ampul*	Solvent CAS#	Code	$\mu\text{g/mL}^*$	Individual cat.#	price
1,2,3-trichlorobenzene	87-61-6	PTM	2,000	30416	
1,2,4-trichlorobenzene	120-82-1	M	1,000	31439	
2,4,4'-trichlorobiphenyl (BZ #28)	7012-37-5	I	10	32283	
1,1,1-trichloroethane	71-55-6	DMSO	50mg/mL	36411	
1,1,1-trichloroethane	71-55-6	PTM	2,000	30418	
1,1,2-trichloroethane	79-00-5	PTM	2,000	30419	
trichloroethene	79-01-6	DMSO	0.4mg/mL	36412	
trichloroethene	79-01-6	PTM	2,000	30420	
trichlorofluoromethane (CFC-11)	75-69-4	PTM	2,000	30421	
2,4,5-trichlorophenol	95-95-4	A	1,000	32017	
2,4,5-trichlorophenol	95-95-4	M	1,000	31299	
2,4,6-trichlorophenol	88-06-2	M	1,000	31400	
1,2,3-trichloropropane	96-18-4	MTBE	1,000	31648	
1,2,3-trichloropropane	96-18-4	PTM	2,000	30429	
1,1,2-trichlorotrifluoroethane (CFC-113)	76-13-1	PTM	2,000	30462	
α,α,α -trifluorotoluene	98-08-8	PTM	2,000	30048	
α,α,α -trifluorotoluene	98-08-8	PTM	2,500	30068	
α,α,α -trifluorotoluene	98-08-8	PTM	10,000	30083	
trifluralin	1582-09-8	M	1,000	32238	
1,2,4-trimethylbenzene	95-63-6	PTM	2,000	30422	
1,3,5-trimethylbenzene	108-67-8	PTM	2,000	30423	
1,2,4-trimethyl-5-nitrobenzene	610-91-3	M	2,000	33903	
2,2,4-trimethylpentane (isooctane)	540-84-1	nonane	5% vol/vol	30671	
1,3,5-trinitrobenzene**	99-35-4	ACN	1,000	31668	
2,4,6-trinitrotoluene**	118-96-7	ACN	1,000	31669	
triolein (1,2,3-Tri[<i>cis</i> -octadecenoyl] glycerol)	122-32-7	pyridine	5,000	33023	
tripentyltin chloride	3342-67-4	D	2,000	31477	
triphenylmethane (5mL)	519-73-3	ACN	10	33260	
triphenylphosphate	115-86-6	A	1,000	32281	
triphenylphosphate (5mL)	115-86-6	ACN	20	33258	
tri- <i>n</i> -propyltin chloride	995-25-5	D	2,000	31476	
tris(1,3-dichloroisopropyl) phosphate (5mL)	13674-87-8	ACN	50	33259	
<i>n</i> -undecane (C11)		D	1,000	30612	
unleaded gasoline composite	8006-61-9	PTM	2,500	30081	
unleaded gasoline composite	8006-61-9	PTM	50,000	30205	
unleaded gasoline composite (5mL)	8006-61-9	PTM	50,000	30206	
unleaded gasoline: 25% weathered	8006-61-9	PTM	5,000	30097	
unleaded gasoline: 50% weathered	8006-61-9	PTM	5,000	30098	
unleaded gasoline: 75% weathered	8006-61-9	PTM	5,000	30099	
unleaded gasoline: 99% weathered	8006-61-9	PTM	5,000	30436	
unleaded gasoline: unweathered	8006-61-9	PTM	5,000	30096	
used motor oil composite	64742-65-0	D	50,000	31465	
γ -valerolactone	108-29-2	ACN	1,000	34080	
vinyl acetate	108-05-4	PTM	2,000	30216	
vinyl chloride	75-01-4	PTM	2,000	30089	
vinyl chloride	75-01-4	PTM	2,500	30093	
<i>m</i> -xylene	108-38-3	DMSO	6.51mg/mL	36414	
<i>m</i> -xylene	108-38-3	PTM	2,000	30424	
<i>o</i> -xylene	95-47-6	DMSO	0.97mg/mL	36415	
<i>o</i> -xylene	95-47-6	PTM	2,000	30425	
<i>p</i> -xylene	106-42-3	DMSO	1.52mg/mL	36416	
<i>p</i> -xylene	106-42-3	PTM	2,000	30426	

Solvent code:

- A = acetone
- ACN = acetonitrile
- C = carbon disulfide
- Cy = cyclohexane
- D = methylene chloride
- DEA = diethylamine
- DMSO = dimethyl sulfoxide
- EA = ethyl acetate
- H = hexane
- I = isooctane
- Ip = isopropanol
- M = methanol
- MTBE = methyl *tert*-butyl ether
- PTM = purge & trap grade methanol
- T = toluene
- TO = transformer oil
- W = water (DI)

Request Restek
Technical Literature

Sign up to receive special offers
and technical articles from Restek

Visit us at www.restek.com/subscribe



*Volume is 1mL/ampul unless otherwise noted. Concentration is $\mu\text{g/mL}$ unless otherwise noted.

**Meets all DOT requirements. Available only to customers or distributors inside the 48 contiguous United States; item may not be resold for export.



Custom Standards

Restek is your #1 source for custom reference standards!

- **Made to your specifications.**
- **Quick quotations.**
- **Most reference standards shipped within 15 working days.**
- **The more you buy, the more you save.**

ALL mixtures are produced in accordance with our ISO 9001:2008 registration.
Analytical balances are calibrated at seven mass levels using NIST-traceable weights.
ALL raw materials used are a minimum of 97% pure; otherwise, their weight is corrected.

U.S. Customers
online form: www.restek.com/solutions

International Customers
Contact Your
Restek Representative.