



Organic Standards

ISO 9001:2015 Registered • ISO/IEC 17025:2005 Accredited • ISO 17034:2016 Accredited

Organic Standards

For GC, GC-MS, LC, and LC-MS

- Stock standards provided for a variety of EPA and ASTM Methods
- Applications and industries include Semivolatile and Volatile, PCB, Food and Beverage, and Petroleum
- Stock products available in 1 mL ampules
- Custom packaging and formulations are available upon request
- Products included in our ISO 9001:2015, ISO/IEC 17025:2005 and ISO 17034:2016 scope of accreditation

Alcohols Mix

Components	Concentration	Matrix	Volume	Part #
Allyl alcohol, 1-Butanol, tert-Butyl alcohol, Ethanol, Ethylene glycol, Methanol, 2-Methyl-1-propanol, 1-Propanol, 2-Propanol	2,000 µg/mL	DI Water	1 mL	8015-M9C-A1

BTEX Standards

Components	Concentration	Matrix	Volume	Part #
Benzene, Ethylbenzene, Toluene, m-Xylene, o-Xylene, p-Xylene	200 µg/mL	Methanol-P&T	1 mL	BTEX-LM6C-A1
Benzene, Ethylbenzene, Toluene, m-Xylene, o-Xylene, p-Xylene	2,000 µg/mL	Methanol-P&T	1 mL	BTEX-HM6C-A1

Fatty Acids Mix

Components	Concentration	Matrix	Volume	Part #
Acetic acid, Butyric acid, Isobutyric acid, Isovaleric acid, Propionic acid, Valeric acid	1,000 µg/mL	H ₂ O	1 mL	FA-M6C-A1

PAH Analyte Mix

Components	Concentration	Matrix	Volume	Part #
Acenaphthene, Acenaphthylene, Anthracene, Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(g,h,i)perylene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene, Fluoranthene, Fluorene, Indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene	2,000 µg/mL	Methylene Chloride: Benzene	1 mL	PAH-HM16C-A1

Dutch 7 PCB Congeners Mix

Components	Concentration	Matrix	Volume	Part #
2,2,4'-Trichlorobiphenyl (BZ-28) 2,2',5,5'-Tetrachlorobiphenyl (BZ-52) 2,2',4,5,5'-Pentachlorobiphenyl (BZ-101) 2,3',4,4',5-Pentachlorobiphenyl (BZ-118) 2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138) 2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153) 2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)	100 µg/mL	Hexane	1 mL	PCB-MD7C-A1

Internal Standard

Components	Concentration	Matrix	Volume	Part #
Acenaphthene-d ₁₀ , Chrysene-d ₁₂ , 1,4-Dichlorobenzene-d ₄ , Naphthalene-d ₈ , Perylene-d ₁₂ , Phenanthrene-d ₁₀	2,000 µg/mL	Methylene Chloride	1 mL	SV-IS-M6C-A1

Trihalomethanes

Components	Concentration	Matrix	Volume	Part #
Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane	200 µg/mL	Methanol-P&T	1 mL	THM-LM4C-A1
Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane	2,000 µg/mL	Methanol-P&T	1 mL	THM-HM4C-A1

Purgeable Gases Mix

Components	Concentration	Matrix	Volume	Part #
Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Trichlorofluoromethane, Vinyl Chloride	200 µg/mL	Methanol-P&T	1 mL	VOC-LM6C-A1
Bromomethane, Chloroethane, Chloromethane, Dichlorodifluoromethane, Trichlorofluoromethane, Vinyl Chloride	2,000 µg/mL	Methanol-P&T	1 mL	VOC-HM6C-A1

Surrogate Standard

Components	Concentration	Matrix	Volume	Part #
4-Bromofluorobenzene, Dibromofluoromethane, Toluene-d ₈	2,000 µg/mL	Methanol-P&T	1 mL	VOC-SURR-M3C-A1

Acrolein and Acrylonitrile Standard

Components	Concentration	Matrix	Volume	Part #
Acrolein, Acrylonitrile	2,000 µg/mL	Methanol-P&T	1 mL	WW-M2C-A1

Volatile Organic Combination Mix

Components			Concentration	Matrix	Volume	Part #
Benzene	1,3-Dichlorobenzene	Naphthalene	2,000 µg/mL	Methanol-P&T	1 mL	VOC-M54C-A1
Bromobenzene	1,4-Dichlorobenzene	n-Propylbenzene				
Bromochloromethane	1,1-Dichloroethane	Styrene				
Bromodichloromethane	1,2-Dichloroethane	1,1,1,2-Tetrachloroethane				
Bromoform	1,1-Dichloroethene	1,1,2,2-Tetrachloroethane				
n-Butylbenzene	cis-1,2-Dichloroethene	Tetrachloroethene				
sec-Butylbenzene	trans-1,2-Dichloroethene	Toluene				
tert-Butylbenzene	1,2-Dichloropropane	1,2,3-Trichlorobenzene				
Carbon tetrachloride	1,3-Dichloropropane	1,2,4-Trichlorobenzene				
Chlorobenzene	2,2-Dichloropropane	1,1,1-Trichloroethane				
Chloroform	1,1-Dichloropropene	1,1,2-Trichloroethane				
2-Chlorotoluene	cis-1,3-Dichloropropene	Trichloroethene				
4-Chlorotoluene	trans-1,3-Dichloropropene	1,2,3-Trichloropropane				
1,2-Dibromo-3-chloropropane	Ethylbenzene	1,2,4-Trimethylbenzene				
Dibromochloromethane	Hexachlorobutadiene	1,3,5-Trimethylbenzene				
1,2-Dibromoethane	Isopropylbenzene	m-Xylene				
Dibromomethane	p-Isopropyltoluene	o-Xylene				
1,2-Dichlorobenzene	Methylene chloride	p-Xylene				

Volatile Organic Mix with 60 Certified Components

Components			Concentration	Matrix	Volume	Part #
Benzene	1,2-Dichlorobenzene	Naphthalene	200 µg/mL	Methanol-P&T	1 mL	VOC-M60C-A1
Bromobenzene	1,3-Dichlorobenzene	n-Propylbenzene				
Bromochloromethane	1,4-Dichlorobenzene	Styrene				
Bromodichloromethane	Dichlorodifluoromethane	1,1,1,2-Tetrachloroethane				
Bromoform	1,1-Dichloroethane	1,1,2,2-Tetrachloroethane				
Bromomethane	1,2-Dichloroethane	Tetrachloroethene				
n-Butylbenzene	1,1-Dichloroethene	Toluene				
sec-Butylbenzene	cis-1,2-Dichloroethene	1,2,3-Trichlorobenzene				
tert-Butylbenzene	trans-1,2-Dichloroethene	1,2,4-Trichlorobenzene				
Carbon tetrachloride	1,2-Dichloropropane	1,1,1-Trichloroethane				
Chlorobenzene	1,1-Dichloropropene	1,1,2-Trichloroethane				
Chloroethane	cis-1,3-Dichloropropene	Trichloroethene				
Chloroform	trans-1,3-Dichloropropene	Trichlorofluoromethane				
Chloromethane	1,3-Dichloropropane	1,2,3-Trichloropropane				
2-Chlorotoluene	2,2-Dichloropropane	1,2,4-Trimethylbenzene				
4-Chlorotoluene	Ethylbenzene	1,3,5-Trimethylbenzene				
1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Vinyl chloride				
Dibromochloromethane	Isopropylbenzene	m-Xylene				
1,2-Dibromoethane	p-Isopropyltoluene	o-Xylene				
Dibromomethane	Methylene chloride	p-Xylene				

Volatile Organic Mix with 60 Certified Components (cont'd)

Components			Concentration	Matrix	Volume	Part #
Benzene	1,2-Dichlorobenzene	Naphthalene	1,000 µg/mL	Methanol-P&T	1 mL	VOC-M60C-1000-A1
Bromobenzene	1,3-Dichlorobenzene	n-Propylbenzene				
Bromochloromethane	1,4-Dichlorobenzene	Styrene				
Bromodichloromethane	Dichlorodifluoromethane	1,1,1,2-Tetrachloroethane				
Bromoform	1,1-Dichloroethane	1,1,2,2-Tetrachloroethane				
Bromomethane	1,2-Dichloroethane	Tetrachloroethene				
n-Butylbenzene	1,1-Dichloroethene	Toluene				
sec-Butylbenzene	cis-1,2-Dichloroethene	1,2,3-Trichlorobenzene				
tert-Butylbenzene	trans-1,2-Dichloroethene	1,2,4-Trichlorobenzene				
Carbon tetrachloride	1,2-Dichloropropane	1,1,1-Trichloroethane				
Chlorobenzene	1,1-Dichloropropene	1,1,2-Trichloroethane				
Chloroethane	cis-1,3-Dichloropropene	Trichloroethene				
Chloroform	trans-1,3-Dichloropropene	Trichlorofluoromethane				
Chloromethane	1,3-Dichloropropane	1,2,3-Trichloropropane				
2-Chlorotoluene	2,2-Dichloropropane	1,2,4-Trimethylbenzene				
4-Chlorotoluene	Ethylbenzene	1,3,5-Trimethylbenzene				
1,2-Dibromo-3-chloropropane	Hexachlorobutadiene	Vinyl chloride				
Dibromochloromethane	Isopropylbenzene	m-Xylene				
1,2-Dibromoethane	p-Isopropyltoluene	o-Xylene				
Dibromomethane	Methylene chloride	p-Xylene				

Base Neutral & Acid Combination Calibration Standard

Components			Concentration	Matrix	Volume	Part #
Acenaphthene	1,3-Dichlorobenzene	1-Methylnaphthalene	1,000 µg/mL	Methylene Chloride	1 mL	VOC-M76C-A1
Acenaphthylene	1,4-Dichlorobenzene	2-Methylnaphthalene				
Aniline	2,4-Dichlorophenol	2-Methylphenol				
Anthracene	Diethyl phthalate	3-Methylphenol*				
Azobenzene	Dimethyl phthalate	4-Methylphenol*				
Benz(a)anthracene	2,4-Dimethylphenol	Naphthalene				
Benzo(a)pyrene	1,2-Dinitrobenzene	2-Nitroaniline				
Benzo(b)fluoranthene	1,3-Dinitrobenzene	3-Nitroaniline				
Benzo(g,h,i)perylene	1,4-Dinitrobenzene	4-Nitroaniline				
Benzo(k)fluoranthene	2,4-Dinitrophenol	Nitrobenzene				
Benzyl alcohol	2,4-Dinitrotoluene	2-Nitrophenol				
4-Bromodiphenyl ether	2,6-Dinitrotoluene	4-Nitrophenol				
Butylbenzyl phthalate	4,6-Dinitro-2-methylphenol	n-Nitrosodimethylamine**				
Carbazole	Diphenylamine	n-Nitrosodi-n-propylamine				
4-Chloroaniline (p-Chloroaniline)	Di-n-butyl phthalate	Pentachlorophenol				
bis(2-Chloroethoxy)methane	Di-n-octyl phthalate	Phenanthrene				
bis(2-Chloroethyl)ether	bis(2-Ethylhexyl)adipate	Phenol				
bis(2-Chloro-1-methylethyl)ether	bis(2-Ethylhexyl)phthalate	Pyrene				
2-Chloronaphthalene	Fluoranthene	Pyridine				
2-Chlorophenol	Fluorene	2,3,4,6-Tetrachlorophenol				
4-Chlorophenyl-phenyl ether	Hexachlorobenzene	2,3,5,6-Tetrachlorophenol				
4-Chloro-3-methylphenol	Hexachlorobutadiene	1,2,4-Trichlorobenzene				
Chrysene	Hexachlorocyclopentadiene	2,4,5-Trichlorophenol				
Dibenz(a,h)anthracene	Hexachloroethane	2,4,6-Trichlorophenol				
Dibenzofuran	Indeno(1,2,3-cd)pyrene					
1,2-Dichlorobenzene	Isophorone					

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* 3-Methylphenol and 4-Methylphenol are at a concentration of 500 µg/mL.

** n-Nitrosodimethylamine (8270-listed analyte) decomposes to Diphenylamine (mix component).