



Analytical Standards for GC/MS

- All ampulized standards come with pre-labeled transfer/storage vials
- Concentrations of our mixes are optimized
- Second source lot standards available for all GC/MS standards



spex.com

Phone: +1.732.549.7144 • +1.800.LAB.SPEX
Fax: +1.732.603.9647
spexsales@antylia.com

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Spex CertiPrep is an
Antylia Scientific company.
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Analytical Standards for GC/MS

- **Most of our ampulized volatile standards are sold at 1.5 mL portions**

The reason is simple; the shelf life of a volatile mix is greater if it is transferred into a vial with minimal head space.

- **All ampulized standards come with pre-labeled transfer/storage vials or labels**

We want to make the transfer of ampulized standards as easy as possible so we provide a pre-labeled transfer/storage vial (or just the label if you prefer). The label includes the catalog number, lot number, product description, and expiration date.

- **We offer cost effective 5.5 mL bottles for semivolatile mixes**

Many customers find it more cost effective to purchase their analytical standards in a bottle rather than in 1.5 mL vials. This packaging alternative provides greater volume at a lower price per mL.



Organic Certified
Reference Materials



Designed for use
with GC/MS



Supplied with a
Certificate of Analysis



ISO Accredited
Standards

Analytical Standards for GC/MS

Semivolatile Internal Standards Mix for EPA Method 625/8270 in Methylene Chloride			
Component	CAS #	Component	CAS #
Acenaphthlene-d ₁₀	15067-26-2	Naphthalene-d ₈	1146-65-2
Chrysene-d ₁₂	1719-03-5	Perylene-d ₁₂	1520-96-3
1,4-Dichlorobenzene-d ₄	3855-82-1	Phenanthrene-d ₁₀	1517-22-2
	Concentration	Volume	Part #
	4,000 µg/mL	1.8 mL vial	ECS-A-001
	4,000 µg/mL	(3) 1.8 mL vials	ECS-B-001
	4,000 µg/mL	5.5 mL bottle	ECS-N-001

Semivolatile Internal Standards Mix for EPA Method 625/8270 in Methylene Chloride			
Component	CAS #	Component	CAS #
Acenaphthlene-d ₁₀	15067-26-2	Naphthalene-d ₈	1146-65-2
Chrysene-d ₁₂	1719-03-5	Perylene-d ₁₂	1520-96-3
1,4-Dichlorobenzene-d ₄	3855-82-1	Phenanthrene-d ₁₀	1517-22-2
	Concentration	Volume	Part #
	2,000 µg/mL	1.8 mL vial	ECS-A-201
	2,000 µg/mL	(3) 1.8 mL vials	ECS-B-201
	2,000 µg/mL	5.5 mL bottle	ECS-N-201

Analytical Standards for GC/MS

BFB Tune Check for EPA Methods 624/8240, 8260 and 524.2 in Methanol-P&T

Component		CAS #	
1-Bromo-4-fluorobenzene		460-00-4	
	Concentration	Volume	Part #
	50 µg/mL	1.5 mL ampule	ECS-A-017
	50 µg/mL	(3) 1.5 mL ampules	ECS-B-017

Semivolatile TCLP Calibration/Spiking Mix for EPA Method 625/8270 in Methylene Chloride

Component	CAS #	Component	CAS #
bis(2-Chloroethyl)ether	111-44-4	4-Methylphenol	106-44-5
1,4-Dichlorobenzene	106-46-7	Nitrobenzene	98-95-3
2,4-Dinitrotoluene	121-14-2	Pentachlorophenol	87-86-5
Hexachlorobenzene	118-74-1	Phenol	108-95-2
Hexachlorobutadiene	87-68-3	Pyridine	110-86-1
Hexachloroethane	67-72-1	2,4,5-Trichlorophenol	95-95-4
2-Methylphenol	95-48-7	2,4,5-Trichlorophenol	88-06-2
3-Methylphenol	108-39-4		
	Concentration	Volume	Part #
	2,000 µg/mL	1.8 mL vial	ECS-A-018
	2,000 µg/mL	(3) 1.8 mL vials	ECS-B-018
	2,000 µg/mL	5.5 mL bottle	ECS-N-018

Analytical Standards for GC/MS

Semivolatile TCLP Calibration/Spiking Mix for EPA Method 625/8270 in Methylene Chloride

Component	CAS #	Component	CAS #
Azobenzene	103-33-3	2,4-Dinitrotoluene	121-14-2
4-Bromodiphenyl ether	101-55-3	2,6-Dinitrotoluene	606-20-2
Butyl benzyl phthalate	85-68-7	Di-n-octyl phthalate	117-84-0
Carbazole	86-74-8	Bis(2-ethylhexyl)phthalate	117-81-7
Bis(2-chloro-1-methylethyl) ether	108-60-1	Hexachlorobenzene	118-74-1
Bis(2-chloroethoxy)methane	111-91-1	Hexachlorobutadiene	87-68-3
Bis(2-chloroethyl)ether	111-44-4	Hexachlorocyclopentadiene	77-47-4
2-Chloronaphthalene	91-58-7	Hexachloroethane	67-72-1
4-Chlorophenyl-phenyl ether	7005-72-3	Isophorone	78-59-1
1,2-Dichlorobenzene	95-50-1	Nitrobenzene	98-95-3
1,3-Dichlorobenzene	541-73-1	n-Nitrosodimethylamine	62-75-9
1,4-Dichlorobenzene	106-46-7	n-Nitrosodi-n-propylamine	621-64-7
Diethyl phthalate	84-66-2	n-Nitrosodiphenylamine	86-30-6
Dimethyl phthalate	131-11-3	Pyridine	110-86-1
Di-n-butyl phthalate	84-74-2	1,2,4-Trichlorobenzene	120-82-1

Concentration	Volume	Part #
2,000 µg/mL	1.8 mL vial	ECS-A-030
2,000 µg/mL	(3) 1.8 mL vials	ECS-B-030
2,000 µg/mL	5.5 mL bottle	ECS-N-030

Analytical Standards for GC/MS

Semivolatiles Calibration Kit for EPA Method 625/8270 (Bottles)

Kit Contains

ECS-N-006	ECS-N-031				
ECS-N-007	ECS-N-032				
ECS-N-030					
	<table border="1"> <thead> <tr> <th>Volume</th> <th>Part #</th> </tr> </thead> <tbody> <tr> <td>(5) 5.5 mL bottles</td> <td>ECS-KN-050*</td> </tr> </tbody> </table>	Volume	Part #	(5) 5.5 mL bottles	ECS-KN-050*
Volume	Part #				
(5) 5.5 mL bottles	ECS-KN-050*				

* ECS-KN-050 is a primary source for this kit. Second source lot for this kit: you must specify the catalog number and the lot number that you DO NOT want.

Semivolatiles Calibration Kit for EPA Method 625/8270 (Vials)

Kit Contains

ECS-A-006	ECS-A-031				
ECS-A-007	ECS-A-032				
ECS-A-030					
	<table border="1"> <thead> <tr> <th>Volume</th> <th>Part #</th> </tr> </thead> <tbody> <tr> <td>(5) 5.5 mL bottles</td> <td>ECS-K-050*</td> </tr> </tbody> </table>	Volume	Part #	(5) 5.5 mL bottles	ECS-K-050*
Volume	Part #				
(5) 5.5 mL bottles	ECS-K-050*				

* ECS-K-050 is a primary source for this kit. Second source lot for this kit: you must specify the catalog number and the lot number that you DO NOT want.

Analytical Standards for GC/MS

EPA Method 8260/524.2 Volatiles Main Mix (Non-Gases) in Methanol-P&T

Component	CAS #	Component	CAS #	Component	CAS #
Benzene	71-43-2	1,3-Dichlorobenzene	541-73-1	Naphthalene	91-20-3
Bromobenzene	108-86-1	1,4-Dichlorobenzene	106-46-7	n-Propylbenzene	103-65-1
Bromochloromethane	74-97-5	1,1-Dichloroethane	75-34-3	Styrene	100-42-5
Bromodichloromethane	75-27-4	1,2-Dichloroethane	107-06-2	1,1,1,2-Tetrachloroethane	630-20-6
Bromoform	75-25-2	1,1-Dichloroethene	75-35-4	1,1,2,2-Tetrachloroethane	79-34-5
n-Butylbenzene	104-51-8	cis-1,2-Dichloroethene	156-59-2	Tetrachloroethene	127-18-4
sec-Butylbenzene	135-98-8	trans-1,2-Dichloroethene	156-60-5	Toluene	108-88-3
tert-Butylbenzene	98-06-6	1,2-Dichloropropane	78-87-5	1,2,3-Trichlorobenzene	87-61-6
Carbon tetrachloride	56-23-5	1,3-Dichloropropane	142-28-9	1,2,4-Trichlorobenzene	120-82-1
Chlorobenzene	108-90-7	2,2-Dichloropropane	594-20-7	1,1,1-Trichloroethane	71-55-6
Chloroform	67-66-3	1,1-Dichloropropene	563-58-6	1,1,2-Trichloroethane	79-00-5
2-Chlorotoluene	95-49-8	cis-1,3-Dichloropropene	10061-01-5	Trichloroethene	79-01-6
4-Chlorotoluene	106-43-4	trans-1,3-Dichloropropene	10061-02-6	1,2,3-Trichloropropane	96-18-4
1,2-Dibromo-3-chloropropane	96-12-8	Ethylbenzene	100-41-4	1,2,4-Trimethylbenzene	95-63-6
Dibromochloromethane	124-48-1	Hexachlorobutadiene	87-68-3	1,3,5-Trimethylbenzene	108-67-8
1,2-Dibromomethane	106-93-4	Isopropylbenzene	98-82-8	m-Xylene	108-38-3
Dibromomethane	74-95-3	p-Isopropyltoluene	99-87-6	o-Xylene	95-47-6
1,2-Dichlorobenzene	95-50-1	Methylene chloride	75-09-2	p-Xylene	106-42-3
		Concentration	Volume	Part #	
		2,000 µg/mL	1.5 mL ampule	ECS-A-033	
		2,000 µg/mL	(3) 1.5 mL ampules	ECS-B-033	

Analytical Standards for GC/MS

EPA Method 524.2 ISTD/Surrogate Mix in Methanol-P&T			
Component	CAS #	Component	CAS #
4-Bromofluorobenzene	460-00-4	Fluorobenzene	462-06-6
1,2-Dichlorobenzene-d4	2199-69-1		
	Concentration	Volume	Part #
	2,000 µg/mL	1.5 mL ampule	ECS-A-034
	2,000 µg/mL	(3) 1.5 mL ampules	ECS-B-034

Acrolein/Acrylonitrile Mix for EPA Methods 624/8240 and 8260 in Methanol			
Component	CAS #	Component	CAS #
Acrolein	107-02-8	Acrylonitrile	107-13-1
	Concentration	Volume	Part #
	10,000 µg/mL	1.5 mL ampule	ECS-A-038
	10,000 µg/mL	(3) 1.5 mL ampules	ECS-B-038

Underground Storage Tank Volatile Add-Ons for EPA Methods 624/8240 in Methanol		
Component	CAS #	Concentration
tert-Butyl alcohol	75-65-0	20,000 µg/mL
Diisopropyl ether	108-20-3	2,000 µg/mL
Methyl tertiary butyl ether	1634-04-4	2,000 µg/mL
	Volume	Part #
	1.5 mL ampule	ECS-A-039
	(3) 1.5 mL ampules	ECS-B-039

Analytical Standards for GC/MS

2-Chloroethyl Vinyl Ether for EPA Methods 624/8270 and 8260 in Methanol-P&T

Component	CAS #		
2-Chloroethyl vinyl ether	110-75-8		
	Concentration	Volume	Part #
	2,000 µg/mL	1.5 mL ampule	ECS-A-040
	2,000 µg/mL	(3) 1.5 mL ampules	ECS-B-040

EPA Method 8260 ISTD Mix in Methanol-P&T

Component	CAS #	Component	CAS #
Chlorobenzene-d ₅	3114-55-4	1,4-Difluorobenzene	540-36-3
1,4-Dichlorobenzene-d ₄	3855-82-1	Pentafluorobenzene	363-72-4
	Concentration	Volume	Part #
	2,000 µg/mL	1.5 mL ampule	ECS-A-041
	2,000 µg/mL	(3) 1.5 mL ampules	ECS-B-041
	2,000 µg/mL	15 mL bottle	ECS-Z-041

Ketones Mix for EPA Methods 8260 and 524.2 in Methanol

Component	CAS #	Component	CAS #
Acetone	67-64-1	2-Hexanone	591-78-6
2-Butanone	78-93-3	4-Methyl-2-pentanone	108-10-1
	Concentration	Volume	Part #
	2,000 µg/mL	1.5 mL ampule	ECS-A-043
	2,000 µg/mL	(3) 1.5 mL ampules	ECS-B-043

Analytical Standards for GC/MS

Ketones Mix for EPA Method 524.2 (High Concentration) in Methanol			
Component	CAS #	Component	CAS #
Acetone	67-64-1	2-Hexanone	591-78-6
2-Butanone	78-93-3	4-Methyl-2-pentanone	108-10-1
	Concentration	Volume	Part #
	10,000 µg/mL	1.5 mL ampule	ECS-A-043H
	10,000 µg/mL	(3) 1.5 mL ampules	ECS-B-043H

EPA Method 8260 Add-Ons Mix #1 in Methanol			
Component	CAS #	Component	CAS #
Carbon disulfide	75-15-0	Methyl tertiary butyl ether	1634-04-4
Iodomethane	74-88-4	Vinyl acetate	108-05-4
	Concentration	Volume	Part #
	2,000 µg/mL	1.5 mL ampule	ECS-A-044
	2,000 µg/mL	(3) 1.5 mL ampules	ECS-B-044

EPA Method 8260 Add-Ons Mix #1 in Methanol					
Component	CAS #	Concentration	Component	CAS #	Concentration
Acetonitrile	75-05-8	20,000 µg/mL	Ethyl methacrylate	97-63-2	2,000 µg/mL
Allyl chloride	107-05-1	2,000 µg/mL	Isobutyl alcohol	78-83-1	40,000 µg/mL
cis-1,4-Dichloro-butene	1476-11-5	2,000 µg/mL	Methyl methacrylate	80-62-6	2,000 µg/mL
trans-1,4-Dichloro-butene	110-57-6	2,000 µg/mL	Methylacrylonitrile	126-98-7	20,000 µg/mL
1,4-Dioxane	123-91-1	40,000 µg/mL	Propionitrile	107-12-0	20,000 µg/mL
Ethanol	64-17-5	40,000 µg/mL			
		Volume	Part #		
		1.5 mL ampule	ECS-A-045XP		
		(3) 1.5 mL ampules	ECS-B-045XP		

Analytical Standards for GC/MS

Revision 4.0 Add-Ons for EPA Method 524.2 (without Pentachloroethane) in Methanol-P&T

Component	CAS #	Concentration	Component	CAS #	Concentration
Acrylonitrile	107-13-1	4,000 µg/mL	Iodomethane	74-88-4	2,000 µg/mL
Allyl chloride	107-05-1	2,000 µg/mL	Methyl acrylate	96-33-3	2,000 µg/mL
Carbon disulfide	75-15-0	2,000 µg/mL	Methyl methacrylate	80-62-6	4,000 µg/mL
Chloroacetonitrile	107-14-2	40,000 µg/mL	Methyl tertiary butyl ether	1634-04-4	2,000 µg/mL
1-Chlorobutane	109-69-3	2,000 µg/mL	Methacrylonitrile	126-98-7	2,000 µg/mL
trans-1,4-Dichloro-2-butene	110-57-6	4,000 µg/mL	Nitrobenzene	98-95-3	20,000 µg/mL
1,1-Dichloropropanone	513-88-2	10,000 µg/mL	2-Nitropropane	79-46-9	4,000 µg/mL
Ether	60-29-7	2,000 µg/mL	Propionitrile	107-12-0	20,000 µg/mL
Ethyl methacrylate	97-63-2	2,000 µg/mL	Tetrahydrofuran	109-99-9	4,000 µg/mL
Hexachloroethane	67-72-1	2,000 µg/mL			
		Volume	Part #		
		1.5 mL ampule	ECS-A-046XP		
		(3) 1.5 mL ampules	ECS-B-046XP		

EPA Method 8260 Add-Ons Mix #3 in Methanol-P&T

Component	CAS #	Component	CAS #
Cyclohexane	110-82-7	Methylcyclohexane	108-87-2
Methyl acetate	79-20-9	1,1,2-Trichlorotrifluoroethane	76-13-1
		Concentration	Volume
		2,000 µg/mL	1.5 mL ampule
		2,000 µg/mL	(3) 1.5 mL ampules
		Part #	
		ECS-A-049	
		ECS-B-049	

Analytical Standards for GC/MS

EPA Method 8260B ISTD Mix in Methanol

Component	CAS #	Component	CAS #
Chlorobenzene-d ₅	3114-55-4	Fluorobenzene	462-06-6
1,4-Dichlorobenzene-d ₄	3855-82-1		
	Concentration	Volume	Part #
	2,000 µg/mL	1.5 mL ampule	ECS-A-051
	2,000 µg/mL	(3) 1.5 mL ampules	ECS-B-051

Volatile Gases Mix for EPA Methods 624/8240, 8260 and 524.2 in Methanol

Component	CAS #	Component	CAS #
Bromomethane	74-83-9	Dichlorofluoromethane	75-71-8
Chloroethane	75-00-3	Trichlorofluoromethane	75-69-4
Chloromethane	74-87-3	Vinyl chloride	75-01-4
	Concentration	Volume	Part #
	2,000 µg/mL	1 mL ampule	ECS-A-053
	2,000 µg/mL	(3) 1 mL ampules	ECS-B-053

Tetrahydrofuran Mix for EPA Method 8260 in Methanol-P&T

Component	CAS #
Tetrahydrofuran	109-99-9
	Concentration
	2,000 µg/mL
	Volume
	(3) 1.5 mL ampules
	Part #
	ECS-B-047

Analytical Standards for GC/MS

Tune Check Kit for EPA Method 625/8270 in Methylene Chloride

Component	CAS #	Component	CAS #
Benzidine	92-87-5	Decafluorotriphenylphosphine (DFTPP)	5074-71-5
4,4-DDT	50-29-3	Pentachlorophenol	87-86-5
		Concentration	Volume
		1,000 µg/mL	Kit of 1.8 mL Vials
		Part #	ECS-K-TUNE

TECHNICAL NOTE: Under certain state regulations, some labs are required to run the 4 components listed above as part of Method 625/8270 to evaluate for DFTPP and tailing factors. The problem is that the analytes will break down after about 40 days when mixed together. Our solution is to create a kit with all 4 components packaged separately. Once a month, dilute all 4 components together (typically 50, 50, 100 µL into 1 mL) in methylene chloride and you have a fresh tuning mix ready for injection.

Base/Neutral Surrogate Mix for EPA Method 625/8270 in Methylene Chloride

Component	CAS #	Component	CAS #
2-Fluorobiphenyl	321-60-8	p-Terphenyl-d ₁₄	1718-51-0
Nitrobenzene-d ₅	4165-60-0		
		Concentration	Volume
		1,000 µg/mL	5.5 mL bottle
		1,000 µg/mL	11.5 mL bottle
		Part #	ECS-N-002
			ECS-Z-002

Acid Extractables Surrogate Mix for EPA Method 625/8270 in Methylene Chloride

Component	CAS #	Component	CAS #
2-Fluorophenol	367-12-4	2,4,6-Tribromophenol	118-79-6
Phenol-d ₆	13127-88-3		
		Concentration	Volume
		2,000 µg/mL	5.5 mL bottle
		2,000 µg/mL	11.5 mL bottle
		Part #	ECS-N-003
			ECS-Z-003

Analytical Standards for GC/MS

Acid Extractables Spiking Mix for EPA Method 625/8270 in Methylene Chloride

Component	CAS #	Component	CAS #
4-Chloro-3-methylphenol	59-50-7	Pentachlorophenol	87-86-5
2-Chlorophenol	95-57-8	Phenol	108-95-2
4-Nitrophenol	100-02-7		
		Concentration	Volume
		2,000 µg/mL	5.5 mL bottle
		Part #	ECS-N-004

Acid Extractables Spiking Mix for EPA Method 625/8270 in Methylene Chloride

Component	CAS #	Component	CAS #
Acenaphthene	83-32-9	n-Nitrosodi-n-propylamine	621-64-7
Di-n-butyl phthalate	84-74-2	Pyrene	129-00-0
1,4-Dichlorobenzene	106-46-7	1,2,4-Trichlorobenzene	120-82-1
2,4-Dinitrotoluene	121-14-2		
		Concentration	Volume
		1,000 µg/mL	5.5 mL bottle
		Part #	ECS-N-005

DFTPP Tune Check for EPA Method 625/8270 in Methylene Chloride

Component	CAS #
Decafluorotriphenylphosphine (DFTPP)	5074-71-5
Concentration	Volume
50 µg/mL	5.5 mL bottle
Part #	ECS-N-008

Analytical Standards for GC/MS

Base/Neutral Surrogate Mix for EPA Method 625/8270 in Methylene Chloride

Component	CAS #	Component	CAS #
1,2-Dichlorobenzene-d ₄	2199-69-1	Nitrobenzene-d ₅	4165-60-0
2-Fluorobiphenyl	321-60-8	p-Terphenyl-d ₁₄	1718-51-0
		Concentration	Volume
		1,000 µg/mL	5.5 mL bottle
		1,000 µg/mL	10.5 mL bottle
		Part #	
		ECS-N-022	
		ECS-Z-022	

Acid Extractables Surrogate Mix for EPA Method 625/8270 in Methylene Chloride

Component	CAS #	Component	CAS #
2-Chlorophenol-3,4,5,6-d ₄	93951-73-6	Phenol-d ₆	13127-88-3
2-Fluorophenol	367-12-4	2,4,6-Tribromophenol	118-79-6
		Concentration	Volume
		2,000 µg/mL	5.5 mL bottle
		2,000 µg/mL	10.5 mL bottle
		Part #	
		ECS-N-023	
		ECS-Z-023	

Semivolatile Surrogate Mix for EPA Method 625/8270 in Methylene Chloride

Component	CAS #	Component	CAS #
2-Fluorobiphenyl	321-60-8	Phenol-d ₆	13127-88-3
2-Fluorophenol	367-12-4	p-Terphenyl-d ₁₄	1718-51-0
Nitrobenzene-d ₅	4165-60-0	2,4,6-Tribromophenol	118-79-6
		Concentration	Volume
		2,000 µg/mL	5.5 mL bottle
		Part #	
		ECS-N-027	

Analytical Standards for GC/MS

EPA Method 8270 Add-Ons Mix #2 in Methylene Chloride

Component	CAS #	Component	CAS #
Acetophenone	98-86-2	Biphenyl	92-52-4
Atrazine	1912-24-9	e-Caprolactam	105-60-2
Benzaldehyde	100-52-7	1,2,4,5-Tetrachlorobenzene	95-94-3
		Concentration	Volume
		2,000 µg/mL	1.8 mL vial
		2,000 µg/mL	(3) 1.8 mL vials

EPA Method 8270 Add-Ons Mix #3 in Methylene Chloride

Component	CAS #			
2,3,4,6-Tetrachlorophenol	58-90-2			
		Concentration	Volume	Part #
		1,000 µg/mL	5.5 mL bottle	ECS-N-062

Acrolein Mix for EPA Method 8260 in Methanol-P&T

Component	CAS #			
Acrolein	107-02-8			
		Concentration	Volume	Part #
		10,000 µg/mL	1.5 mL ampule	ECS-A-ACN
		10,000 µg/mL	(3) 1.5 mL bottles	ECS-B-ACN

NOTE: Mix has a shelf life of 90 days. Please allow 5 days to prepare.

Analytical Standards for GC/MS

1,4-Dioxane Mix for EPA Method 8260 in Methanol

Component	CAS #		
1,4-Dioxane	123-91-1		
	Concentration	Volume	Part #
	10,000 µg/mL	1.5 mL ampule	ECS-A-DIOX
	10,000 µg/mL	(3) 1.5 mL bottles	ECS-B-DIOX

Oxygenates Mix for EPA Method 8260 in Methanol-P&T

Component	CAS #	Concentration	Component	CAS #	Concentration
tert-Amyl methyl ether	994-05-8	2,000 µg/mL	tert-Butyl ethyl ether	637-92-3	2,000 µg/mL
tert-Butyl alcohol	75-65-0	20,000 µg/mL	Diisopropyl ether	108-20-3	2,000 µg/mL
		Volume	Part #		
		1.5 mL ampule	ECS-A-NHOX		
		(3) 1.5 mL ampules	ECS-B-NHOX		

Pentachloroethane Mix for EPA Methods 8260 and 524.2 in Methanol-P&T

Component	CAS #		
Pentachloroethane*	76-01-7		
	Concentration	Volume	Part #
	2,000 µg/mL	1.5 mL ampule	ECS-A-PCE
	2,000 µg/mL	(3) 1.5 mL bottles	ECS-B-PCE

* Stability studies over the past few years indicate that in the presence of certain halocarbons, such as those found in ECS-A-033, Pentachloroethane (PCE) breaks down to Tetrachloroethene in significant amounts. When running your PE/PT analyses, we strongly advise that you prepare your calibration standards the day you run the PE/PT samples or, if allowed by your regulatory agency, exclude the PCE from your calibration. If you need to include PCE we offer it as a single analyte mix.

Analytical Standards for GC/MS

Second Source Low Standards Available

Inform your Spex CertiPrep representative of the lot number you do not want and we will supply an alternate to serve as your secondary standard.

Your GC/MS analysts will need to monitor which lot they consider the primary lot so when they order the second source lots they know which lot they DO NOT want. Lots are clearly marked on the Certificate of Analysis and on the product labels.

When you need to order both your primary and secondary source for a standard, let your Spex CertiPrep representative know you will need two lots.

Did you know you can set up a blanket order for multiple releases of standards your lab consistently uses weekly or monthly? Contact your Spex CertiPrep representative at 1+.732.549.7144 or spexsales@spex.com.

spex.com

Phone: +1.732.549.7144 • +1.800.LAB.SPEX
Fax: +1.732.603.9647
spexsales@antylia.com

4772F

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