

ENVIRONMENTAL

Advance Environmental Health & Safety for US EPA Semivolatiles & Volatiles

Analytical standards for drinking water, wastewater, and solid waste. Single- and multi-component standards for GC and GC/MS. Designed for US EPA 600 series, 8000 series, and CLP series methods. Custom standards are also available.

Featured Semivolatiles Products:

- 600 Series
- 8,000 Series
- CLP Series
- 76 Big Mix

Featured Volatiles Products:

- 500 Series
- 600 Series
- 8,000 Series
- CLP Series
- 60 Big Mix

US EPA Volatile & Semivolatile CRMs:

- Standards for drinking water, wastewater, and solid waste
- Single and multi-component standards for GC and GC/MS
- Custom standards are also available



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600 Series**Method 604**

Description	Concentration	Volume	Matrix	Number of Components	Part #
CLP Additional Analytes Mix	2,000 µg/mL	1 mL	Methylene chloride	7	CLPS-G
Base/Neutral Surrogate Standard, Tinted (High Level)	Multiple	5 mL	Methylene Chloride: Acetone: Benzene	4	CLPS-SBH5-TI
Acid Surrogate Standard	2,000 µg/mL	5 mL	Methanol	3	CLPS-SA5
Internal Standards	4,000 µg/mL	1 mL	Methylene Chloride	6	CLPS-I
Internal Standards	4,000 µg/mL	5 mL	Methylene Chloride	6	CLPS-I5
Alternate Internal Standard	2,000 µg/mL	1 mL	Methylene chloride	6	CLPS-I90
Acids Matrix Spike	2,000 µg/mL	5 mL	Methanol	5	CLPS-MSA5

8000 Series (continued)**Method 8270C**

Description	Concentration	Volume	Matrix	Number of Components	Part #
CLP Additional Analytes Mix	2,000 µg/mL	1 mL	Methylene chloride	7	CLPS-G

CLP Series

Description	Concentration	Volume	Matrix	Number of Components	Part #
High Concentrate Acid Surrogates	7,500 µg/mL	1 mL	Methanol	4	CLP90-75SA
High Concentrate Acid Surrogates	7,500 µg/mL	5 mL	Methanol	4	CLP90-75SA5
Alternate Acid Surrogate for CLP SOWs	2,000 µg/mL	5 mL	Methanol	3	CLPS-SA5
Alternate Base/Neutral Surrogates for CLP SOWs	1,000 µg/mL	1 mL	Methylene chloride: Acetone	4	CLP90-SB
Alternate Base/Neutral Surrogates for CLP SOWs	1,000 µg/mL	5 mL	Methylene chloride: Acetone	4	CLP90-SB5
High Concentration Base/Neutral Surrogates	5,000 µg/mL	1 mL	Methylene chloride: Acetone: Benzene	4	CLP90-SBH
High Concentration Base/Neutral Surrogates	5,000 µg/mL	5 mL	Methylene chloride: Acetone: Benzene	4	CLP90-SBH5
Combination Semivolatile Surrogates for CLP SOW	Multiple	1 mL	Methylene chloride: Acetone	6	CLPS-SURR
Combination Semivolatile Surrogates, Tinted	Multiple	1 mL	Methylene chloride: Acetone	9	CLP90-SURR-TI

The 76 Big Mix

The most routinely analyzed semivolatile compounds in one ampule! All compounds checked on our GC/MS, ensuring the highest quality standards at an affordable price.

Description	Concentration	Volume	Matrix	Number of Components	Part #
Semivolatile Organics Mix	1,000 µg/mL*	1 mL	Methylene chloride	76	76-BIG-MIX

* 3-Methyphenol and 4-Methyphenol are each at 500 µg/mL

500 Series

Method 502

Description	Concentration	Volume	Matrix	Number of Components	Part #
Mix B-Purgeable Gases (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	6	5022-BH
Mix B-Purgeable Gases	200 µg/mL	1 mL	Methanol-P&T	6	5022-B
Trihalomethanes (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	4	THM-XH
Trihalomethanes	200 µg/mL	1 mL	Methanol-P&T	4	THM-X

Method 524

Description	Concentration	Volume	Matrix	Number of Components	Part #
Method 524.3 Mix A	2,000 µg/mL	1 mL	Methanol-P&T	6	5243-G
Method 524.3 Supplemental Mix	2,000 µg/mL	1 mL	Methanol	8	5243-A
UCMR-3	Multiple	1 mL	Methanol-P&T	9	UCMR-3
Combination Mix - Analyte Mixes A, C & D	2,000 µg/mL	1 mL	Methanol-P&T	54	5242-VCX
EPA Method 524.2 Volatile Calibration Std.	200 µg/mL	1 mL	Methanol-P&T	54	5242-VCX-200
Fortification Solution	1,000 µg/mL	1 mL	Methanol-P&T	3	5242-F
4-Bromofluorobenzene	1,000 µg/mL	1 mL	Methanol-P&T	1	S-550
Method 524.3 Mix B	2,000 µg/mL	1 mL	Methanol	69	5243-VCM
Internal Standard	2,000 µg/mL	1 mL	Methanol-P&T	1	5242-I
Surrogate Standard	1,000 µg/mL	1 mL	Methanol-P&T	2	5242-S
Internal Standard	2,000 µg/mL	1 mL	Methanol-P&T	3	5243-I

Method 551

Description	Concentration	Volume	Matrix	Number of Components	Part #
Halogenated Pesticides and Herbicides Mix	2,000 µg/mL	1 mL	Acetone	16	5511-PH

600 Series

Method 601

Description	Concentration	Volume	Matrix	Number of Components	Part #
Mix B-Purgeable Gases (High Levels)	2,000 µg/mL	1 mL	Methanol-P&T	6	5022-BH
Mix B-Purgeable Gases	200 µg/mL	1 mL	Methanol-P&T	5	5022-B
Trihalomethanes	200 µg/mL	1 mL	Methanol-P&T	4	THM-X

Method 602

Description	Concentration	Volume	Matrix	Number of Components	Part #
BTEX Standard (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	6	BTEX-H
Internal/Surrogate Standard	200 µg/mL	1 mL	Methanol-P&T	1	602-I

Method 603

Description	Concentration	Volume	Matrix	Number of Components	Part #
Acrolein and Acrylonitrile	2,000 µg/mL	1 mL	Water	2	603-X
Acrolein and Acrylonitrile	2,000 µg/mL	1 mL	Methanol-P&T	2	603-XM

Method 624

Description	Concentration	Volume	Matrix	Number of Components	Part #
Mix B-Purgeable Gases (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	5	624-BH
Mix B-Purgeable Gases	200 µg/mL	1 mL	Methanol-P&T	5	624-B
Mix D	200 µg/mL	1 mL	Methanol-P&T	3	624-D
Combination Mix Analyte Mix A	2,000 µg/mL	1 mL	Methanol-P&T	26	624-A
Internal Standard	1,000 µg/mL	1 mL	Methanol-P&T	3	624-I
Surrogate Standard	1,000 µg/mL	1 mL	Methanol-P&T	3	624-S

8000 Series

Method 8015

Description	Concentration	Volume	Matrix	Number of Components	Part #
Alcohols Mix	2,000 µg/mL	1 mL	Water	9	8015B-A
Acrolein and Acrylonitrile	2,000 µg/mL	1 mL	Water	2	603-X
Acrolein and Acrylonitrile	2,000 µg/mL	1 mL	Methanol-P&T	2	603-XM

Method 8021

Description	Concentration	Volume	Matrix	Number of Components	Part #
Volatile Organics Combination Mix	2,000 µg/mL	1 mL	Methanol-P&T	54	5242-VCX
EPA Method 524.2 Volatile Calibration Standard	200 µg/mL	1 mL	Methanol-P&T	54	5242-VCX-200
Mix B-Purgeable Gases (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	6	5022-BH
Mix B-Purgeable Gases	200 µg/mL	1 mL	Methanol-P&T	6	5022-B
Internal Standard	200 µg/mL	1 mL	Methanol-P&T	1	602-I
Surrogate Standard	1,000 µg/mL	1 mL	Methanol-P&T	1	8021B-S

Method 8260

Description	Concentration	Volume	Matrix	Number of Components	Part #
Mix B-Purgeable Gases (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	6	5022-BH
Mix B-Purgeable Gases	200 µg/mL	1 mL	Methanol-P&T	6	5022-B
Mix D (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	17	5242-DH
Volatile Organics Combination Mix	2,000 µg/mL	1 mL	Methanol-P&T	54	5242-VCX
EPA Method 524.2 Volatile Calibration Standard	200 µg/mL	1 mL	Methanol-P&T	54	5242-VCX-200

“Long List” Appendix for Compounds for Method 8260B

Description	Concentration	Volume	Matrix	Number of Components	Part #
Mix E (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	7	8260-EH
Mix E	200 µg/mL	1 mL	Methanol-P&T	7	8260-E
2-Chloroethylvinyl Ether Stock Standard	1,000 µg/mL	1 mL	Methanol-P&T	1	S-855
Vinyl Acetate Stock Standard	1,000 µg/mL	1 mL	Methanol-P&T	1	S-3800
Ethylene Oxide Stock Standard	1,000 µg/mL	1 mL	Methanol-P&T	1	S-1960

CLP Series

Description	Concentration	Volume	Matrix	Number of Components	Part #
Volatiles Mix for OML04.1	2,000 µg/mL	1 mL	Methanol-P&T	44	CLPV-43CH
Mix B-Purgeable Gases (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	6	5022-BH
Mix B-Purgeable Gases	200 µg/mL	1 mL	Methanol-P&T	6	5022-B
Mix B-Purgeable Gases (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	4	CLPV-BH
Volatiles Mix D (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	8	CLPV-D90H
Volatiles Mix D for CLP SOW Alternate (High Level)	2,000 µg/mL	1 mL	Methanol-P&T	9	CLPV-DH

The 60 Big Mix

The most routinely analyzed volatile compounds in one ampule! All compounds checked on our GC/MS, ensuring the highest quality standards at an affordable price

Description	Concentration	Volume	Matrix	Number of Components	Part #
Volatile Organics Mix	1,000 µg/mL	1 mL	Methanol P&T	60	60-BIG-MIX
Volatile Organics Mix (Low Level)	200 µg/mL	1 mL	Methanol P&T	60	60-BIG-MIX-200
Volatile Organics Mix (High Level)	2,000 µg/mL	1 mL	Methanol P&T	60	60-BIG-MIX-2000

The Big Mix

Volatile organics mix with 76 certified components.

Description	Concentration	Volume	Matrix	Number of Components	Part #
Volatile Organics Mix	2,000 µg/mL	1 mL	Methanol P&T	76	8260-BIG-MIX



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