



## US EPA Semivolatiles

### Analytical Standards for Drinking Water, Wastewater and Solid Waste Single & Multi-Component Standards for GC & GC/MS

#### Designed for Methods:

600 Series • 8000 Series • CLP Series

For additional product information, please visit [www.spexcertiprep.com/organic-standards/semivolatiles](http://www.spexcertiprep.com/organic-standards/semivolatiles).

#### Method 600 Series

Description	Concentration	Volume	Matrix	# of Comp.	Part #
<b>Method 604</b>					
Phenolics Mix	2,000 µg/mL	1 mL	Methylene chloride	11	CLPS-A
Polynuclear Aromatic Hydrocarbon Analyte Mix	2,000 µg/mL	1 mL	MeCl <sub>2</sub> :Benzene	16	CLPS-B
Haloethers & Phthalates Mix	2,000 µg/mL	1 mL	Methylene chloride	13	CLPS-C
Chlorinated/Nitrated Hydrocarbons Mix	2,000 µg/mL	1 mL	Methylene chloride	13	CLPS-D
CLP Additional Analytes Mix	2,000 µg/mL	1 mL	Methylene chloride	7	CLPS-G
Base/Neutral Surrogate Standard	1,000 µg/mL	1 mL	MeCl <sub>2</sub> :Acetone	3	CLPS-SB
Base/Neutral Surrogate Standard	1,000 µg/mL	5 mL	MeCl <sub>2</sub> :Acetone	3	CLPS-SB5
Base/Neutral Surrogate Standard (High Level)	5,000 µg/mL	1 mL	MeCl <sub>2</sub> :Acetone:Benzene	3	CLPS-SBH
Base/Neutral Surrogate Standard (High Level)	5,000 µg/mL	5 mL	MeCl <sub>2</sub> :Acetone:Benzene	3	CLPS-SBH5
Base/Neutral Surrogate Standard, Tinted (High Level)	Multiple	5 mL	MeCl <sub>2</sub> :Acetone:Benzene	4	CLPS-SBH5-TI
Acid Surrogate Standard	2,000 µg/mL	1 mL	Methanol	3	CLPS-SA
Acid Surrogate Standard	2,000 µg/mL	5 mL	Methanol	3	CLPS-SA5
Acid Surrogate Standard (High Level)	10,000 µg/mL	1 mL	Methanol	3	CLPS-SAH
Acid Surrogate Standard (High Level)	10,000 µg/mL	5 mL	Methanol	3	CLPS-SAH5
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
Internal Standards	2,000 µg/mL	2 mL	Methylene chloride	6	CLPS-I2
Alternate Internal Standard	2,000 µg/mL	1 mL	Methylene chloride	6	CLPS-I90
Acids Matrix Spike	2,000 µg/mL	1 mL	Methanol	5	CLPS-MSA
Acids Matrix Spike	2,000 µg/mL	5 mL	Methanol	5	CLPS-MSA5
Acids Matrix Spike	Multiple	1 mL	Methanol	6	CLPS-MSA15-TI
Base/Neutral Matrix Spike	1,000 µg/mL	1 mL	Methanol	6	CLPS-MSB

#### CERTIFIED REFERENCE MATERIALS

SPEX CertiPrep is the industry leader for over 60 years in the CRM marketplace meeting the needs of laboratories worldwide with innovation and research. Accredited by A2LA to ISO/IEC 17025:2005 & ISO 17034:2016. Certified by DQS to ISO 9001:2015.

# US EPA Semivolatiles (cont'd)

## Method 600 Series (cont'd)

Description	Concentration	Volume	Matrix	# of Comp.	Part #
<b>Method 604</b>					
Base/Neutral Tinted Matrix Spike	1,000 µg/mL	1 mL	Methanol	7	CLPS-MSB-TI
GC/MS Tuning Standard	2,500 µg/mL	1 mL	Methanol	1	CLPS-T
GC/MS Tuning Standard	2,500 µg/mL	1 mL	Methylene chloride	4	CLPS-T4

## Method 8000 Series

Description	Concentration	Volume	Matrix	# of Comp.	Part #
<b>Method 8100</b>					
Polynuclear Aromatic Hydrocarbon Mix	2,000 µg/mL	1 mL	MeCl <sub>2</sub> :Benzene	16	CLPS-B
<b>Method 8270C</b>					
Phenolics Mix	2,000 µg/mL	1 mL	Methylene chloride	11	CLPS-A
Haloethers & Phthalates Mix	2,000 µg/mL	1 mL	Methylene chloride	13	CLPS-C
Chlorinated/Nitrated Hydrocarbons Mix	2,000 µg/mL	1 mL	Methylene chloride	13	CLPS-D
CLP Additional Analytes Mix	2,000 µg/mL	1 mL	Methylene chloride	7	CLPS-G

## CLP Series

Description	Concentration	Volume	Matrix	# of Comp.	Part #
<b>Method 8100</b>					
Semivolatile Control Sample, Low Level	2,000 µg/mL	1 mL	Methanol	3	CLPS-LC-ALCS
Alternate Acid Surrogate for CLP SOWs	2,000 µg/mL	1 mL	Methanol	4	CLP90-SA
Alternate Acid Surrogate for CLP SOWs	2,000 µg/mL	5 mL	Methanol	4	CLP90-SA5
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	1 mL	Methanol	3	CLPS-SA
Alternate Acid Surrogate for CLP SOWs	2,000 µg/mL	5 mL	Methanol	3	CLPS-SA5
Alternate High Concentration Acid Surrogates for CLP	10,000 µg/mL	1 mL	Methanol	3	CLPS-SAH
Alternate High Concentration Acid Surrogates for CLP	10,000 µg/mL	5 mL	Methanol	3	CLPS-SAH5
Alternate Base/Neutral Surrogates for CLP SOWs	1,000 µg/mL	1 mL	MeCl <sub>2</sub> :Acetone	4	CLP90-SB
Alternate Base/Neutral Surrogates for CLP SOWs	1,000 µg/mL	5 mL	MeCl <sub>2</sub> :Acetone	4	CLP90-SB5
High Concentration Base/Neutral Surrogates	5,000 µg/mL	1 mL	MeCl <sub>2</sub> :Acetone:Benzene	4	CLP90-SBH
High Concentration Base/Neutral Surrogates	5,000 µg/mL	5 mL	MeCl <sub>2</sub> :Acetone:Benzene	4	CLP90-SBH5
Combination Semivolatile Surrogates for CLP SOW	Multiple	1 mL	MeCl <sub>2</sub> :Acetone	6	CLPS-SURR
Combination Semivolatile Surrogates, Tinted	Multiple	1 mL	MeCl <sub>2</sub> :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, at an affordable price.

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

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

## CAN'T FIND THE STANDARDS YOU ARE LOOKING FOR?

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