

8000 Series Methods

Method 8260, 8260A, 8260B (Volatile Organic Compounds [VOC]) *cont'd*

VOA Calibration Mix #1 (ketones) (4 components)

acetone	2-hexanone
2-butanone (MEK)	4-methyl-2-pentanone (MIBK)
5,000µg/mL each in P&T methanol:water (90:10), 1mL/ampul	
cat. # 30006 (ea.)	

8260B Acetate Mix (5 components)

vinyl acetate	<i>n</i> -propyl acetate
ethyl acetate	<i>n</i> -butyl acetate
isopropyl acetate	
2,000µg/mL each in P&T methanol, 1mL/ampul	
cat. # 30477 (ea.)	

8260B Acetate Mix (Revised) (7 components)

<i>n</i> -amyl acetate	methyl acetate
butyl acetate	propyl acetate
ethyl acetate	vinyl acetate
isopropyl acetate	
2,000µg/mL each in P&T methanol, 1mL/ampul	
cat. # 30489 (ea.)	

California Oxygenates Mix (5 components)

diisopropyl ether (DIPE)	2,000µg/mL	<i>tert</i> -butyl alcohol	10,000
ethyl- <i>tert</i> -butyl ether (ETBE)	2,000	methyl <i>tert</i> -butyl ether (MTBE)	2,000
<i>tert</i> -amyl methyl ether (TAME)	2,000		
In P&T methanol, 1mL/ampul			
cat. # 30465 (ea.)			

Oxygenates (6 components)

<i>tert</i> -amyl ethyl ether (TAE)	2,000µg/mL	diisopropyl ether (DIPE)	2,000
<i>tert</i> -amyl methyl ether (TAME)	2,000	ethyl- <i>tert</i> -butyl ether (ETBE)	2,000
<i>tert</i> -butyl alcohol (TBA)	10,000	methyl <i>tert</i> -butyl ether (MTBE)	2,000
In P&T methanol, 1mL/ampul			
cat. # 30626 (ea.)			

Single-Component Oxygenates Solutions

Volume is 1mL/ampul. Concentration is µg/mL.

Compound	Solvent	Conc.	cat.# (ea.)	price
ethanol	W	10,000	30466	\$27
methanol	W	10,000	30467	\$25
<i>tert</i> -amyl alcohol	PTM	10,000	30631	\$25
ethanol	PTM	2,000	30288	\$24
methyl <i>tert</i> -butyl ether (MTBE)	PTM	2,000	30402	\$24
<i>tert</i> -amyl ethyl ether (TAE)	PTM	2,000	30617	\$24
diisopropyl ether (DIPE)	PTM	2,000	30627	\$24
ethyl- <i>tert</i> -butyl ether (ETBE)	PTM	2,000	30628	\$24
<i>tert</i> -amyl methyl ether (TAME)	PTM	2,000	30629	\$24
<i>tert</i> -butanol-d9	PTM	20,000	30618	\$27
<i>tert</i> -butanol	PTM	50,000	30470	\$24

PTM = purge & trap grade methanol; W = DI water

Acrolein

5,000µg/mL in P&T methanol, 1mL/ampul
cat. # 30645 (ea.)
5,000µg/mL in water, 1mL/ampul
cat. # 30646 (ea.)

1,2-Dichlorotetrafluoroethane (CFC-114)

2,000µg/mL in P&T methanol, 1mL/ampul
cat. # 30476 (ea.)

Chloroprene

5,000µg/mL in P&T methanol, 1mL/ampul
cat. # 30238 (ea.)

Vinyl Acetate

2,000µg/mL in P&T methanol, 1mL/ampul
cat. # 30216 (ea.)

8260A Volatile Organics Kit (2,000µg/mL)

Changes in this revision of the method include modification of the recommended internal standard and surrogate solutions.

Contains 1mL each of these mixtures.

- 30042: 502.2 Calibration Mix #1
- 30043: 502.2 Calibration Mix #2
- 30044: 502.2 Calibration Mix #3
- 30045: 502.2 Calibration Mix #4
- 30046: 502.2 Calibration Mix #5
- 30047: 502.2 Calibration Mix #6
- 30067: 4-bromofluorobenzene (2,500µg/mL)
- 30240: 8260A Surrogate Mix (2,500µg/mL)
- 30241: 8260A Internal Standard Mix (2,500µg/mL)
- 30075: 8240/8260 System Performance Check Mix
- 30005: VOA Matrix Spike Mix (2,500µg/mL)

cat. # 30242 (kit)

Quantity discounts not available.

Components are listed on pages 452, 453, 477, and 486.



8260 Volatile Organics Kit (2,000µg/mL)

Contains 1mL each of these mixtures.

- 30042: 502.2 Calibration Mix #1
- 30043: 502.2 Calibration Mix #2
- 30044: 502.2 Calibration Mix #3
- 30045: 502.2 Calibration Mix #4
- 30046: 502.2 Calibration Mix #5
- 30047: 502.2 Calibration Mix #6
- 30067: 4-bromofluorobenzene (2,500µg/mL)
- 30073: 8260 Surrogate Mix (2,500µg/mL)
- 30074: 8260 Internal Standard Mix (2,500µg/mL)
- 30075: 8240/8260 System Performance Check Mix
- 30005: VOA Matrix Spike Mix (2,500µg/mL)

cat. # 30076 (kit)

Quantity discounts not available.

Components are listed on pages 452, 453, 477, and 486.



also available

Our Rtx®-VMS column is your best choice for EPA Method 8260.

- Fastest cycle times for VOCs.
- Tuned selectivity for VOCs.
- Excellent separation of gases.

See **page 100** for more information.



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