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Analytical Reference
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1+ year of service!

Petroleum Volatile Organic Compounds (PVOC), Gasoline Range Organics (GRO), & Benzene-Toluene-Ethylbenzene-Xylenes (BTEX) *cont'd*

Gasoline Component Standard (10 components)

benzene	500µg/mL	1,2,4-trimethylbenzene	1000
ethylbenzene	500	2,2,4-trimethylpentane	1500
heptane	500	<i>m</i> -xylene	1000
2-methylpentane	1500	<i>o</i> -xylene	1000
toluene	1500	<i>p</i> -xylene	1000
10,000µg/mL total in P&T methanol, 1mL/ampul			
cat. # 30486 (ea.)			

Certified BTEX in Unleaded Gas Composite Standard (9 components)

Certified for:	
benzene*	naphthalene*
ethylbenzene*	toluene*
isopropyl benzene*	<i>m</i> -xylene*
methyl <i>tert</i> -butyl ether (MTBE)*	<i>o</i> -xylene*
	<i>p</i> -xylene*

5,500ppm gasoline in P&T methanol, 1mL/ampul
cat. # 30237 (ea.)

*Concentration differs lot-to-lot. See on-line Certificate of Analysis for certified concentrations.

Certified Aromatics in Gasoline (16 components)

Certified for:	
benzene*	naphthalene*
ethylbenzene*	<i>n</i> -propylbenzene*
<i>m</i> -ethyltoluene*	toluene*
<i>o</i> -ethyltoluene*	1,2,3-trimethylbenzene*
<i>p</i> -ethyltoluene*	1,2,4-trimethylbenzene*
isopropylbenzene*	1,3,5-trimethylbenzene*
methyl <i>tert</i> -butyl ether (MTBE)*	<i>m</i> -xylene*
	<i>o</i> -xylene*
	<i>p</i> -xylene*

5,500ppm gasoline in P&T methanol, 1mL/ampul
cat. # 30485 (ea.)

*Concentration differs lot-to-lot. See on-line Certificate of Analysis for certified concentrations.

Certified PAHs in Diesel (7 components)

Certified PAHs	
acenaphthene*	1-methylnaphthalene*
acenaphthylene*	2-methylnaphthalene*
fluorene*	naphthalene*
	phenanthrene*

50,000ppm diesel #2 in methylene chloride, 1mL/ampul
cat. # 31673 (ea.)

*Concentration differs lot-to-lot. See on-line Certificate of Analysis for certified concentrations.

Gasoline Surrogate and Internal Standards

Compound	cat.# (ea.)
2,500µg/mL in P&T methanol, 1mL/ampul	
4-bromofluorobenzene	30067
α,α,α-trifluorotoluene	30068
10,000µg/mL in P&T methanol, 1mL/ampul	
4-bromofluorobenzene	30082
α,α,α-trifluorotoluene	30083
1-chlorooctane	30084

Recommended Internal Standard (PID) for EPA GRO Method

Compound	cat.# (ea.)
2,500µg/mL in P&T methanol, 1mL/ampul	
1-chloro-4-fluorobenzene	30066

Diesel Surrogate and Internal Standards

Compound	cat.# (ea.)
10,000µg/mL in methylene chloride, 1mL/ampul	
<i>p</i> -terphenyl	31095
2-fluorobiphenyl	31096
<i>o</i> -terphenyl	31097
1-chlorooctadecane	31098

Recommended Internal Standards

Compound	cat.# (ea.)
2,000µg/mL in methylene chloride, 1mL/ampul	
5-α-androstane	31065
2,000µg/mL in acetone, 1mL/ampul	
<i>o</i> -terphenyl	31066

Diesel/Biodiesel Standard

Diesel/Biodiesel 80:20 Blend Standard

The biodiesel component is methyl soyate.

5,000µg/mL in methylene chloride, 1mL/ampul
cat. # 31880 (ea.)

also available

ASTM Method D6584-00 and EN14105 Biodiesel Standards.
See **page 501**.