

Ozone Precursor Mixture/PAMS (57 components)

acetylene	isopropylbenzene
benzene	methylcyclohexane
<i>n</i> -butane	methylcyclopentane
1-butene	2-methylheptane
<i>cis</i> -2-butene	3-methylheptane
<i>trans</i> -2-butene	2-methylhexane
cyclohexane	3-methylhexane
cyclopentane	2-methylpentane
<i>n</i> -decane	3-methylpentane
<i>m</i> -diethylbenzene	<i>n</i> -nonane
<i>p</i> -diethylbenzene	<i>n</i> -octane
2,2-dimethylbutane	<i>n</i> -pentane
2,3-dimethylbutane	1-pentene
2,3-dimethylpentane	<i>cis</i> -2-pentene
2,4-dimethylpentane	<i>trans</i> -2-pentene
<i>n</i> -dodecane	propane
ethane	<i>n</i> -propylbenzene
ethylbenzene	propylene
ethylene	styrene
<i>m</i> -ethyltoluene	toluene
<i>o</i> -ethyltoluene	1,2,3-trimethylbenzene
<i>p</i> -ethyltoluene	1,2,4-trimethylbenzene
<i>n</i> -heptane	1,3,5-trimethylbenzene
<i>n</i> -hexane	2,2,4-trimethylpentane
1-hexene	2,3,4-trimethylpentane
isobutane	<i>n</i> -undecane
isopentane	<i>o</i> -xylene
isoprene	<i>m/p</i> -xylene (combined)

In nitrogen, 104 liters @ 1,800psi
1ppm cat. # 34420 (ea.)
100ppb cat. # 34429 (ea.)
 In nitrogen, 110 liters @ 1,800psi (PI-marked Cylinder)
1ppm cat. # 34420-PI (ea.)
100ppb cat. # 34429-PI (ea.)

Ozone Precursor/PAMS Mix

(57 components at EPA concentrations: ppbC)

acetylene	40	isopropylbenzene	40
benzene	30	methylcyclohexane	30
<i>n</i> -butane	40	methylcyclopentane	25
1-butene	30	2-methylheptane	25
<i>cis</i> -2-butene	35	3-methylheptane	25
<i>trans</i> -2-butene	25	2-methylhexane	25
cyclohexane	40	3-methylhexane	25
cyclopentane	20	2-methylpentane	20
<i>n</i> -decane	30	3-methylpentane	40
<i>m</i> -diethylbenzene	40	<i>n</i> -nonane	25
<i>p</i> -diethylbenzene	25	<i>n</i> -octane	30
2,2-dimethylbutane	40	<i>n</i> -pentane	25
2,3-dimethylbutane	50	1-pentene	25
2,3-dimethylpentane	50	<i>cis</i> -2-pentene	35
2,4-dimethylpentane	40	<i>trans</i> -2-pentene	25
<i>n</i> -dodecane	40	propane	40
ethane	25	<i>n</i> -propylbenzene	30
ethylbenzene	25	propylene	25
ethylene	20	styrene	40
<i>m</i> -ethyltoluene	25	toluene	40
<i>o</i> -ethyltoluene	30	1,2,3-trimethylbenzene	25
<i>p</i> -ethyltoluene	40	1,2,4-trimethylbenzene	40
<i>n</i> -heptane	25	1,3,5-trimethylbenzene	25
<i>n</i> -hexane	30	2,2,4-trimethylpentane	30
1-hexene	60	2,3,4-trimethylpentane	25
isobutane	25	<i>n</i> -undecane	30
isopentane	40	<i>o</i> -xylene	25
isoprene	40	<i>m/p</i> -xylene (combined)	40

In nitrogen, 104 liters @ 1,800psi
20-60ppb C cat. # 34445 (ea.)
 In nitrogen, 110 liters @ 1,800psi (PI-marked Cylinder)
20-60ppb C cat. # 34445-PI (ea.)

also available

Custom air standards!
 Visit www.restek.com for our custom air standards ordering form.

TO-14/TO-15/TO-17 Performance Test Standard **new!**

Restek is pleased to offer the Performance Testing/VOC Audit Sample Program in cooperation with Spectra Gases. This is an on-going testing program in which laboratories, and/or other users of VOC standards, are able to evaluate their own capabilities, as well as compare their results and accuracy against other laboratories. As a participant in the program, you will receive a disposable cylinder, directly from Spectra Gases, containing multiple unknown TO-14A/TO-15/TO-17 components at varying concentrations that are to be identified, quantified, and reported via the Spectra Gases P-T Audit Program forms. The results will be published and distributed for peer review. To ensure confidentiality, all participating laboratories will be anonymous, and only the individual laboratory will know their own results. To provide statistical analysis, the audit sample will be shipped to all laboratories at the same time, once a year during the fourth quarter.

170 liters @ 2,015psi
 cat. # 34560 (ea.)

cylinder design

TO-14/TO-15/TO-17 Performance Test Standard:

Size: 5A disposable (3.2" x 12")
Volume/Pressure: 170L @ 2,015psi
CGA 180 outlet fitting
Weight: 2.2lbs.

Sulfur 5-Component Mix

12-month stability. +/- 10% accuracy.
 carbonyl sulfide hydrogen sulfide
 dimethyl sulfide methyl mercaptan
 ethyl mercaptan

In nitrogen, 110 liters @ 1,800psi
1ppm cat. # 34561 (ea.)
 In nitrogen, 110 liters @ 1,800psi (PI-marked Cylinder)
1ppm cat. # 34561-PI (ea.)

new!

Spectra Gas 7621 High-Purity VOC Regulator

- Single-stage, stainless steel.
- Two pressure gauges and CGA-180 fitting.
- 3000psig maximum inlet pressure.
- Stainless steel diaphragm and Kel-F® seat.
- 1/8-inch tube compression outlet.
- Low internal volume: 3.03cc.
- Accurate pressure control even at low flow rates.
- Individually tested for leaks and impurities.



Description	qty.	cat.#
0-30psig outlet pressure gauge	ea.	21572
0-100psig outlet pressure gauge	ea.	21572-R100