

Sulfur Gas Standards

LINWELD offers binary and multicomponent mixtures of sulfur compounds with a UHP/Zero Nitrogen balance. Mixtures are also available with high purity methane, ethylene or propylene as the

balance gas. These mixtures are packaged in passivated aluminum cylinders for a guaranteed 12 month shelf life or 90 percent product usage and are individually analyzed.

Concentration in Nitrogen	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA
0.5 - 9.9 ppm	KAL	140	2000	330
	GAL	28	2000	330
10 - 99 ppm	KAL	140	2000	330
	GAL	28	2000	330
100 - 1000 ppm	KAL	140	2000	330
	GAL	28	2000	330

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| • n-Butyl Mercaptan | CH ₃ CH ₂ CH ₂ CH ₂ SH | • Ethyl Mercaptan | CH ₃ CH ₂ SH |
| • t-Butyl Mercaptan | (CH ₃) ₃ CSH | • Hydrogen Sulfide | H ₂ S |
| • Carbon Disulfide | CS ₂ | • Isobutyl Mercaptan | (CH ₃) ₂ CHCH ₂ SH |
| • Carbonyl Sulfide | COS | • Isopropyl Mercaptan | (CH ₃) ₂ CHSH |
| • Dimethyl Disulfide | (CH ₃) ₂ S ₂ | • Methyl Mercaptan | CH ₃ SH |
| • Dimethyl Sulfide | (CH ₃) ₂ S | • n-Propyl Mercaptan | CH ₃ CH ₂ CH ₂ SH |

VOC Gas Standards

Considerable legislative effort is being made at the federal and state levels to reduce human exposure to Volatile Organic Compounds (VOCs) which are often classified as Hazardous Air Pollutants (HAPs). Accurate and reliable measurements of VOCs in air, water and soil require careful calibration of the analyzers involved.

The following listing represents some of the compounds commonly provided in VOC standards from simple two component blends to complex multicomponent mixtures. Other compounds are available upon request.

Acetaldehyde	1,2-Dibromoethane	Halocarbon 11	Methyl Ethyl Ketone
Acetone	o,m,p-Dichlorobenzene	Halocarbon 12	Methyl Isobutyl Ketone
Acetonitrile	1,1-Dichloroethane	Halocarbon 13	Methyl Tert-Butyl Ether
Acrylonitrile	1,2-Dichloroethane	Halocarbon 113	1,1,1,2-Tetrachloroethane
Benzene	cis-1,2-Dichloroethylene	Halocarbon 114	1,1,2,2-Tetrachloroethane
Bromoethane	1,2-Dichloropropane	Hexane	Tetrachloroethylene
1,3-Butadiene	Diethylketone	Isoprene	Tetrahydrofuran
n-Butanol	1,4-Dioxane	Isopropanol	1,1,2-Trichloroethane
Carbon Tetrachloride	Ethylacetate	Mesitylene	Trichloroethylene
Chloroform	Ethylbenzene	Methyl Chloride	Vinyl Chloride
Chloroprene	Ethyl Chloride	Methyl Chloroform	Vinylidene Chloride
Chlorobenzene	Ethylene Oxide	Methylene Chloride	o,m,p-Xylene
Cumene			