

Hydrogen Sulfide Multi-Component Mixtures

Some typical environmental multi-component speciated sulfur mixtures are listed below, however, Air Liquide can provide any multi-component gas mixture based on your specifications and requirements. These gaseous mixtures can be used to comply with EPA Method 15 or 16 (in lieu of Method 11) as well as CA Rule 1118 (for control of emissions from regulatory flares); and South Coast AQMD (SCAQMD) 307-91. Please contact your Air Liquide representative for technical assistance.

Cylinder Pressure 2000 psig (138 bar)
 Cylinder Valve Outlet CGA No. 330
 DOT/TC Label Nonflammable
 Other Available Sizes SCOTTY™ Transportable

Recommended Equipment
 Two-Stage Regulator Model 215, Page 271
 Single-Stage Regulator Model 213, Page 271

Hydrogen Sulfide, Carbon Disulfide and Carbonyl Sulfide

in Nitrogen				Single-Certified Standards	
				Certified	
Concentration (of each component)	Size	Contents		Master Class	Working Class
		CF	m ³		
ACULIFE 0.1 – 0.9 ppm	30AL	140	4		•
	16AL	74	2		•
	7AL	28	0.8		•
ACULIFE 1 – 99 ppm	30AL	140	4	•	•
	16AL	74	2	•	•
	7AL	28	0.8	•	•
ACULIFE 100 – 9999 ppm	30AL	140	4	•	•
	16AL	74	2	•	•
	7AL	28	0.8	•	•

Hydrogen Sulfide, Dimethyl Sulfide and Methyl Mercaptan

in Nitrogen				Single-Certified Standards	
				Certified	
Concentration (of each component)	Size	Contents		Master Class	Working Class
		CF	m ³		
0.1 – 0.9 ppm	30AL	140	4		•
	16AL	74	2		•
	7AL	28	0.8		•
1 – 9.9 ppm	30AL	140	4	•	•
	16AL	74	2	•	•
	7AL	28	0.8	•	•
10 – 99 ppm*	30AL	140	4	•	•
	16AL	74	2	•	•
	7AL	28	0.8	•	•
100 – 999 ppm*	30AL	140	4	•	•
	16AL	74	2	•	•
	7AL	28	0.8	•	•

* Cylinder pressure and contents will vary proportionately due to physical restrictions.

Multi-component sulfur compound calibration standards are also available in hydrocarbon balance gases – contact your Air Liquide representative.