

Methane CH₄

Cylinder Pressure 2000 psig (138 bar)
 Cylinder Valve Outlet CGA No.
 in Air 590
 in Ar and N₂ 350
 DOT/TC Label
 in Air Nonflammable
 in Ar and N₂ Varies by Concentration
 Other Available Sizes SCOTTY™ Transportable

Recommended Equipment
 Two-Stage Regulator Model 318, Page 270
 Single-Stage Regulator Model 3300, Page 270
 Single-Station Manifold Model 8100, Page 309

For balance air:
 See page 150 for EPA protocol gas specifications,
 EPA defined concentrations, and multi-component
 environmental mixtures.
 Methane in air is also available as a SCOTT™
 CEM DAILY STANDARD™ for EPA daily calibration
 requirements – see page 162.

in Air				Dual-Analyzed Standards		Dual-Certified Standards	Single-Certified Standards		
				EPA Protocol		Gravstat	Acublend	Certified	
Concentration	Size	Contents		RATA Class	Compliance Class	Reference Class	Master Class	Master Class	Working Class
		CF	m ³						
1 – 49 ppm	30AL	144	4	•	•	•	•	•	•
	16AL	76	2	•	•	•	•	•	•
	7AL	29	0.8	•	•	•	•	•	•
	44	214	6			•	•	•	•
	16	84	2			•	•	•	•
	7	33	0.9			•	•	•	•
50 – 999 ppm	30AL	144	4	•	•	•	•	•	•
	16AL	76	2	•	•	•	•	•	•
	7AL	29	0.8	•	•	•	•	•	•
	44	214	6			•	•	•	•
	16	84	2			•	•	•	•
	7	33	0.9			•	•	•	•
0.1 – 2.5%*	44	214	6			•	•	•	•
	16	84	2			•	•	•	•
	7	33	0.9			•	•	•	•

in Argon				Dual-Certified Standards	Single-Certified Standards	
				Gravstat	Certified	
Concentration	Size	Contents		Reference Class	Master Class	Working Class
		CF	m ³			
1 – 49 ppm	44	225	6	•	•	•
	16	89	3	•	•	•
	7	35	1	•	•	•
50 – 999 ppm	44	225	6	•	•	•
	16	89	3	•	•	•
	7	35	1	•	•	•
0.1 – 24.9%	44	229	7	•	•	•
	16	90	3	•	•	•
	7	35	1	•	•	•
25 – 49%	44	238	7	•	•	•
	16	94	3	•	•	•
	7	37	1	•	•	•

* Cylinder pressure and contents will vary.

Methane continued

in Nitrogen				Dual-Analyzed Standards		Dual-Certified Standards	Single-Certified Standards		
				EPA Protocol		Gravstat	Acublend	Certified	
Concentration	Size	Contents		RATA Class	Compliance Class	Reference Class	Master Class	Master Class	Working Class
		CF	m ³						
1 – 49 ppm	30AL	140	4	•	•	•	•	•	•
	16AL	74	2	•	•	•	•	•	•
	7AL	28	0.8	•	•	•	•	•	•
	44	209	6			•	•	•	•
	16	82	2			•	•	•	•
	7	33	0.9			•	•	•	•
50 – 999 ppm	30AL	140	4	•	•	•	•	•	•
	16AL	74	2	•	•	•	•	•	•
	7AL	28	0.8	•	•	•	•	•	•
	44	209	6			•	•	•	•
	16	82	2			•	•	•	•
	7	33	0.9			•	•	•	•
0.1 – 2.9%	44	209	6			•	•	•	•
	16	82	2			•	•	•	•
	7	33	0.9			•	•	•	•
3 – 49%	44	225	6			•	•	•	•
	16	88	3			•	•	•	•
	7	35	1			•	•	•	•

For natural gas and BTU standards, see page 194 or contact your Air Liquide representative.