

Methane

Balance Gases	(M)SDS Range	(M)SDS	Regulator Recommendations	Page
Air	1 ppm - 2.5%	P-18-0101	Single Stage PRS40023331-CGA	E•245
Argon	0.1 ppm - 10%	P-18-0097-B	Two Stage PRS40123331-CGA	E•244
	10.1 - 50%	P-18-0128-A	Line PRS40052001-000	E•246
Helium	1 ppm - 10.1%	P-18-0098-A		
	10.2 - 49.9%	P-18-0129-A		
Hydrogen	1 ppm - 50%	P-18-0116		
Nitrogen	0.1 ppm - 14.3%	P-18-0110-B		
	14.31 - 49.9%	P-18-0506		

Balance Gas	Concentration Range	CGA	Praxair Grades*						Cylinder Style	Pressure psig	Contents	
			E	N	M	P	C	U			ft ³	m ³
Air	0.1 ppm - 2.5% ⁽¹⁾⁽²⁾ L.E.L. 5%	590	•	•	•	•	•	•	AS	2000	146	4.10
			•	•	•	•	•	•	AQ	2200	84	2.40
			•	•	•	•	•	•	A3	2200	32	0.90
			•	•	•	•	•	•	K	2000	215	6.09
			•	•	•	•	•	•	Q	2000	72	2.04
			•	•	•	•	•	•	G	2000	36	1.02
Argon	0.1 ppm - 50% ⁽¹⁾	350				•	•	•	AS	2000	153	4.33
						•	•	•	AQ	2200	89	2.52
						•	•	•	A3	2200	33	0.93
						•	•	•	K	2000	226	6.40
						•	•	•	Q	2000	75	2.12
						•	•	•	G	2000	38	1.08
Helium	0.1 ppm - 50% ⁽¹⁾	350				•	•	•	AS	2000	135	3.82
						•	•	•	AQ	2200	78	2.21
						•	•	•	A3	2200	29	0.82
						•	•	•	K	2000	199	5.64
						•	•	•	Q	2000	67	1.90
						•	•	•	G	2000	34	0.96
Hydrogen	0.1 ppm - 50% ⁽¹⁾	350				•	•	•	AS	2000	133	4.10
						•	•	•	AQ	2200	77	2.40
						•	•	•	A3	2200	29	0.90
						•	•	•	K	2000	196	5.55
						•	•	•	Q	2000	65	1.84
						•	•	•	G	2000	33	0.94
Nitrogen	0.1 ppm - 50% ⁽¹⁾⁽²⁾	350	•	•	•	•	•	•	AS	2000	142	4.02
			•	•	•	•	•	•	AQ	2200	82	2.32
			•	•	•	•	•	•	A3	2200	31	0.88
			•	•	•	•	•	•	K	2000	209	5.92
			•	•	•	•	•	•	Q	2000	70	1.98
			•	•	•	•	•	•	G	2000	36	1.02

⁽¹⁾ For concentrations above 50%, the (M)SDS for the inverse mixture applies (i.e. Argon in Methane).

⁽²⁾ Available concentrations for NIST traceable mixtures to be determined by available reference materials.

* **Key for Praxair Mixture Grades** (Refer to page C•92 for complete specification details.)

EPA (E), Primary Master (PM), Certified Master (CM), Primary Standard (P),
 Certified Standard (C), Non-Certified Standard (U)