

Moisture Standards H₂O

Air Liquide, in conjunction with Spectra Sensors and COSA, developed a proprietary technology for the certification of moisture standards. Green cylinders, as they are known in the industry, are available in the balance gases listed below, as well as helium and others. The values are interlocked using independent measurements from the gravimetric addition and the analytical results, and must agree within ±5%.

Cylinder Pressure 2000 psig (138 bar)**
 Cylinder Valve Outlet CGA No.
 in CH₄ 350
 in N₂ 580
 DOT/TC Label
 in CH₄ Flammable
 in N₂ Nonflammable

Recommended Equipment
 Vaporizing, Heated
 Regulator for CH₄ Model 41, Page 279
 Two-Stage Heated
 Regulator for N₂ Model 211H, Please Inquire

in Methane				Single-Certified Standards	
				Certified	
Concentration	Size	Contents		Working Class	
		CF	m ³		
1 – 4 ppm	30AL	175	5	•	
5 – 9.9 ppm	30AL	175	5	•	
10 – 300 ppm	30AL	*	*	•	
> 300 ppm	30AL	*	*	•	

in Nitrogen				Single-Certified Standards	
				Certified	
Concentration	Size	Contents		Working Class	
		CF	m ³		
1 – 4 ppm	30AL	140	4	•	
5 – 9.9 ppm	30AL	140	4	•	
10 – 300 ppm	30AL	*	*	•	
> 300 ppm	30AL	*	*	•	

* Cylinder contents will vary.

** Cylinder pressure varies for concentrations >200 ppm – contact your Air Liquide representative.