

Methane CH₄

Technical Data		Safety Data		Shipping Data	
Molecular Weight	16.04	Flammable Limits	5.0-15.0% in Air	DOT Name	Methane, Compressed
Boiling Point	- 258.7° F	Toxicity	Simple asphyxiant	Hazard Class	2.1
Specific Volume	23.7 cf/lb	Compatibility	Noncorrosive	ID No.	UN1971
Critical Temperature	- 115.8° F			DOT Label	Flammable Gas
Critical Pressure	673 psia			CAS. No.	74-82-8

Research

Specifications: Min. purity 99.995%
 CO & CO₂ < 10 ppm C₂H₆ < 10 ppm
 N₂ < 20 ppm H₂O < 2 ppm
 O₂ < 4 ppm

Product Code	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW913R	T	356	2400	350	Two-stage	Model 600	122
					Single-stage	Model 600	121

UHP

Specifications: Min. purity 99.99%
 CO & CO₂ < 10 ppm C₂H₆ < 30 ppm
 N₂ < 30 ppm H₂O < 10 ppm
 O₂ < 5 ppm

Product Code	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW913	T	356	2400	350	Two-stage	Model 600	122
LW909	Q	100	2000	350	Single-stage	Model 600	121
LW914	G	40	2000	350			
LW915M	LB	2	1775	180	Lecture Bottle	Model 400	133
EX090	ExCaliber™	3.6	1775	180	ExCaliber™ Support Equipment		103

C.P.

Specifications: Min. purity 99%

Product Code	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW918	T	356	2400	350	Two-stage	Model 600	122
LW908	Q	100	2000	350	Single-stage	Model 600	121