



Methane (CH₄)

A colorless, flammable, odorless gas.

Purity:	Grade 2	Grade 3	Grade 4	Grade 4.5	Grade 5	Grade 5.5	Grade 6
Specifications:	99.99%	99.999%	99.9995%	99.995%	99.999%	99.9995%	99.9999%
Nitrogen	<3000 ppmv	<200 ppmv	<40 ppmv	<20 ppmv	<5 ppmv	<1 ppmv	<0.5 ppmv
Oxygen	<750 ppmv	<50 ppmv	<5 ppmv	<5 ppmv	<2 ppmv	<1 ppmv	<0.5 ppmv
Ethane			<60 ppmv	<30 ppmv	<5 ppmv	<3 ppmv	<0.5 ppmv
Other Hydrocarbons	<1.0%	<800 ppmv	<10 ppmv	<5 ppmv	<2 ppmv	<1 ppmv	<0.5 ppmv
Moisture	<10 ppmv	<5 ppmv	<5 ppmv	<5 ppmv	<2 ppmv	<1 ppmv	<0.5 ppmv
Total Impurities	<1.0%	<1000 ppmv	<100 ppmv	<50 ppmv	<10 ppmv	<5 ppmv	<1 ppmv

***Moisture level guaranteed only when Electronic Fluorocarbons prepares the cylinders.*

All concentrations are on a mol/mol basis unless otherwise stated.

This product is analyzed gas phase.

**This gas not available for purchase online.*

Cylinder Size	Fill Volume (CF)
49L/Size 300	360
44L/Size 200	260
16L/Size 80	100
7L/Size 35	50
150AL	175

Technical Data:

Mol. Wt: 16.043

Specific Volume: 23.7 cf/lb

Flammability Limits: 5.0-15% in air

Valve Outlet: CGA 350

LB CGA 170

