

# CARBON DIOXIDE (CO<sub>2</sub>)

A colorless, odorless, nonflammable, liquefied gas.

Purity Specifications	Grade 4.8 99.998%	Grade 5.0 99.999%
Nitrogen	< 10 ppm	< 5 ppm
Oxygen	< 2 ppm	< 1 ppm
Hydrogen	< 0.5 ppm	< 0.5 ppm
Total Hydrocarbons	< 4 ppm	< 4 ppm
Carbon Monoxide	< 0.5 ppm	< 0.5 ppm
Moisture	< 3 ppm	< 3 ppm
Total Impurities	< 20 ppm	< 10 ppm

Moisture level guaranteed only when AGT prepares the cylinders.  
All concentrations are on a mol/mol basis unless otherwise stated.  
This product is analyzed liquid phase.

Cylinder Size	Fill Weight (lbs)
49	70.0
44	60.0
16	20.0
7	10.0

## Technical Data:

Mol. Wt: . . . . . 44.01  
Sp. Volume: . . . . . 8.74 cf/lb  
Pressure @ 70°F: . . . . . 838 psig  
Flammability Limits: . . . . . Nonflammable  
Valve Outlet: . . . . . CGA 320  
LB CGA 170

## Shipping Information:

DOT Name: . . . . . Carbon Dioxide  
Hazard Class . . . . . 2.2  
DOT No.: . . . . . UN 1013  
DOT Label: . . . . . Nonflammable Gas  
CAS No.: . . . . . 124-38-9