

CARBON MONOXIDE (CO)

A toxic, flammable, colorless, odorless gas.

Purity Specifications	Grade 2.0 99%	Grade 2.3 99.3%	Grade 2.5 99.5%	Grade 3.0 99.9%	Grade 3.7 99.97%
Nitrogen/Argon	< 9000 ppm	< 6800 ppm	< 4500 ppm	< 900 ppm	< 300 ppm
Oxygen	< 10 ppm	< 10 ppm	< 10 ppm	< 10 ppm	< 5 ppm
Carbon Dioxide	< 100 ppm	< 100 ppm	< 100 ppm	< 50 ppm	< 30 ppm
Methane	< 100 ppm	< 100 ppm	< 100 ppm	< 50 ppm	< 10 ppm
Moisture	< 5 ppm	< 5 ppm	< 5 ppm	< 5 ppm	< 5 ppm
Total Impurities	< 1%	< 7000 ppm	< 5000 ppm	< 1000 ppm	< 300 ppm

Purity Specifications	Grade 4.0 99.99%	Grade 4.7 99.997%	Grade 5.0 99.999%
Nitrogen/Argon	< 80 ppm	< 20 ppm	< 5 ppm
Oxygen	< 5 ppm	< 3 ppm	< 2 ppm
Carbon Dioxide	< 10 ppm	< 5 ppm	< 2 ppm
Methane	< 10 ppm	< 5 ppm	< 2 ppm
Moisture	< 4 ppm	< 3 ppm	< 2 ppm
Total Impurities	< 100 ppm	< 30 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 gas phase.

Cylinder Size	Fill Weight (lbs)	Fill Volume (scf)
49	17.2	237
44	12.9	177
16	4.7	64
7	2.3	32
29AL	10.4	143

Technical Data:

Mol. Wt: 28.01
Sp. Volume: 13.8 cf/lb
Flammability Limits: 12.5 - 74.0% in Air
Valve Outlet: CGA 350
LB CGA 170 or CGA 350

Shipping Information:

DOT Name Carbon Monoxide,
Compressed
Hazard Class: 2.3
DOT No.: UN 1016
DOT Label: Inhalation Hazard and
Flammable Gas
CAS No.: 630-08-0

**ADVANCED GAS
TECHNOLOGIES**