

13C-Carbon Monoxide, ¹³CO.



99.99+% Chemical Purity
99 atom% Isotopic Enrichment

Summary Physical Constants

Chemical formula	¹³ CO
Molecular weight	29.010
Specific volume @ +70°F (+21.1°C)	13.81 ft ³ /lb, 0.86 m ³ /kg
Flammability range	12.5% to 74.2% in air
Critical pressure	507.47 psia, 34.99 bar
Critical temperature	-220.4°F, -140.2°C
Specific gravity @ 70°F, 1 atm (Air=1)	0.967

Maximum Impurities

COMPONENT	CONCENTRATION (ppmv)
Carbon Dioxide	<10.0
Hydrogen	<1.0
Iron Pentacarbonyl	<0.5
Nickel Tetracarbonyl	<1.0
Moisture	<1.0
Nitrogen	<10.0
Oxygen	<0.5
THC (as Methane)	<0.5

A large variety of cylinder sizes and valve options are available.
Please inquire about specific packaging needs

Linde Electronics and Specialty Gases

One Greenwich Street, Suite 100, Stewartville, NJ 08886
Phone +1.908.329-9700 or +1.800.932-0624, Fax +1.908.329-9740, www.lindeus.com