

CARBON DIOXIDE - (CO₂)

4.8

DESCRIPTION : A colorless, liquefied, high-pressure gas shipped at its vapor pressure of 57,2 Barg at 21° C.	APPLICATIONS : Chemical vapor deposition of silicon dioxide	ADR Classification : 2, 2 A ADR Label 2.2 Non flammable, non toxic gas
		MSDS REFERENCE : 018A CHEMICAL ABSTRACTS : 124-38-9 UN No. : 1013

PRODUCT		PRESSURE BARG	VALVE TYPE	VALVE OUTLET DIN 477 No	VALVE MATERIALS OF CONSTRUCTION
CYLINDER	CONTENTS				
50H	37,5 kg	57,2	Pressure Seal	6	Brass

PRODUCT CHARACTERISTICS	PRAXAIR SPECIFICATIONS	METHOD OF ANALYSIS (SEE KEY)
MINIMUM PURITY	99.998 %	
C _n H _m	≤ 5 ppm	F
Nitrogen (N ₂)	≤ 10 ppm	I
Oxygen (O ₂)	≤ 2 ppm	I
Water (H ₂ O)	≤ 5 ppm	E
Hydrogen (H ₂)	≤ 1 ppm	I
Carbon Monoxide (CO)	≤ 1 ppm	I

Sum total of all impurities not to exceed 20 ppm.

Notes :

- ◆ Cylinder sizes, contents, valve types and valve connections other than those indicated above are available on request.
- ◆ All expressions for concentration are for gas phase, by volume unless otherwise noted.
- ◆ MSDS Ref.: More detailed Safety Information can be obtained from the Material Safety Data Sheet No. 018A

Key to Analytical Techniques			
A	Gas Chromatograph with Thermal Conductivity Detector	D	Specific Oxygen Analyzer
B	Gas Chromatograph with Flame Ionization Detector	E	Specific Water Analyzer
C	Gas Chromatograph with Ultrasonic Detector	F	Total Hydrocarbon Analyzer
		G	Infrared
		H	Proprietary
		I	Gas Chromatograph with Helium Ionization Detector
		J	Flame Ionization with Methanizer
		K	Gas Chromatograph - Photo Ionization
		L	Gas Chromatograph - Flame Photometric
		M	Mass Spectrometry
		N	Wet Chemical
		O	Gas Chromatograph with Discharge Ionization Detector
		P	Gas Chromatograph with Methanizer Carbonizer
		Q	Gas Chromatograph with Electrolytic Conductivity
		R	Gas Chromatograph with Reduction Gas Analyzer
		S	Gaschromatograph with High Frequency Discharge Detector

IMPORTANT

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