

CERTIFICATE OF CONFORMANCE

Keen Compressed Gas Co. Is Accredited to the ISO/IEC 17025:2017 Testing and Calibration Laboratory Standard. Keen's Quality Management System, Enables Keen to Provide the Highest Level of Testing, Calibration, and Traceability to Meet or Exceed the Minimum Specifications Listed for the Carbon Dioxide Grade Requested.

CARBON DIOXIDE (CO₂)

	Industrial ^{5,6}	Beverage ^{4,6}	Bone Dry	Coleman	Research ⁶	USP ¹
Minimum Purity:	99.9	99.9	99.8	99.99	99.999	99.0
Odor:	NT	NT	None	None	None	None
Moisture^{3,6}:	≤ 10 ppm	≤ 20 ppm	≤ 10 ppm	≤ 10 ppm	≤ 2.0 ppm	≤ 20 ppm
Ammonia^{3,6}:	NT	NT	NT	NT	NT	≤ 25 ppm
Carbon Monoxide^{3,6}:	NT	≤ 10 ppm	NT	NT	≤ 1 ppm	≤ 10 ppm
Nitrogen Dioxide^{3,6}:	NT	Sum ≤ 2.5 ppm	NT	NT	NT	≤ 2.5 ppm
Nitric Oxide^{3,6}:	NT		NT	NT	NT	≤ 2.5 ppm
Sulfur Dioxide^{3,6}:	≤ 5.0 ppm	≤ 5.0 ppm	NT	NT	NT	≤ 5.0 ppm
Dew Point:	-76°F	-68°F	-76°F	-76°F	-97°F	-68°F
CGA Connection:	320	320	320	320	320	320/970
Lot Label Tracking:	No	No	Yes	Yes	Yes	Yes
TECHNICAL INFORMATION						
UN ID:	1013		Molecular Weight:		44.01	
DOT Classification:	2.2 Non-Flammable Gas		Specific Volume:		8.74 ft ³ /lb.	
DOT Ship Name:	Carbon Dioxide		CAS NO:		124-38-9	

Notes:

1. USP- Medical Carbon Dioxide, United States Pharmacopeia
2. NT – Not Tested
3. Certificate of Batch or Individual Analysis Specification Results Available Upon Request
4. Meets USDA and CGA G-6.2 Food Grade Specifications
5. Meets AWS A5.32 (ISO 14175)-C1 CO₂ - Gaseous Use
6. Specification Based on Raw Material Bulk Supplier Certificate of Analysis