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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 Mixed Gas Conformance Requested.

Mixed Gas - CARBON DIOXIDE (CO₂) FOOD GRADE (NITROGEN (N₂) or OXYGEN (O₂))

		INDUSTRIAL ^{2,3}	CERTIFIED MIX ^{2,3}	PRIMARY STANARD ^{2,3}	
Carbon Dioxide Pure Gas Minimum Purity ^{4:}		≥99.2	≥99.2	≥99.2	
Nitrogen Pure Gas Minimum Purity ^{1,5:}		≥99.0	≥99.0	≥99.0	
Oxygen Pure Gas Minimum Purity ^{1,6:}		≥99.2	≥99.2	≥99.2	
Minor Component Specification:		5% – 35% ²	5% - 35% 10 ppm – 1%	5% - 35% 10 ppm – 1%	
Minor Component Tolerance:		≤5.0% - 0.5 Absolute >5.0% +/- 10%	+/- 2%	+/- 1%	
Moisture:		≤ 22 ppm	≤ 20 ppm	≤ 18 ppm	
Dew Point:		-65°F	-67°F	-69°F	
CGA Connection:		CGA 296 (Oxygen Mixtures >10%) or 580			
Lot Label Tracking:		Yes			
TECHNICAL					
UN ID:	1956 1014	DOT Classification:	2.2 Non-Flammable Gas		
DOT Ship Name:	Compressed Gas, N.O.S (Carbon Dioxide, Nitrogen) Compressed Gas, N.O.S (Carbon Dioxide, Oxygen)				
CARBON DIOXIDE		NITROGEN		OXYGEN	
Molecular Weight:	44 g/mol	Molecular Weight:	28 g/mol	Molecular Weight:	32 g/mol
Specific Volume:	8.74 ft³/lb	Specific Volume:	13.89 ft³/lb.	Specific Volume:	12.1 ft³/lb.
CAS NO:	124-38-9	CAS NO:	7727-37-9	CAS NO:	7782-44-7

Notes:

- Produced by Air Liquefaction Process Which Includes Trace Quantities of Argon, Neon and Helium
- Product Filled in Accordance w/ Standard Operating Procedures Ensuring Compliance with 21 CFR 110
- Certificate of Analysis Available Upon Request (*Includes Lot Tracking*)
- Carbon Dioxide Meets USDA and CGA G-6.2 Food Grade Specifications
- NF – Medical Nitrogen, National Formulary
- USP- Medical Oxygen, United States Pharmacopeia

Total Customer Satisfaction