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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 Specification Listed for the Oxygen Grade Requested.

### OXYGEN (O<sub>2</sub>), LIQUID

	Refrigerated Liquid <sup>1,6</sup>	Refrigerated Liquid Food Grade <sup>1,5</sup>	USP Refrigerated Liquid <sup>1,2</sup>
<b>Minimum Purity <sup>4</sup>:</b>	≥ 99.0	≥ 99.2	≥ 99.2
<b>Odor:</b>	None	None	None
<b>Total Hydrocarbon <sup>4</sup>:</b>	≤ 50 ppm	NT	NT
<b>Moisture <sup>4</sup>:</b>	≤ 20 ppm	NT	NT
<b>Dew Point:</b>	-67°F	-67°F	-67°F
<b>Boiling Point:</b>	-361°F	-361°F	-361°F
<b>CGA Connection:</b>	440 (Liquid Use) 540 (Gas Use)	440 (Liquid Use) 540 (Gas Use)	440 (Liquid Use) 540 (Gas Use)
<b>Lot Label Tracking:</b>	No	Yes	Yes
TECHNICAL INFORMATION			
<b>UN ID:</b>	1073	<b>Molecular Weight:</b>	32 g/mol
<b>DOT Classification:</b>	2.2 (5.1) Non-Flammable Gas, Oxidizing	<b>Specific Volume:</b>	12.1 ft <sup>3</sup> /lb
<b>DOT Ship Name:</b>	Oxygen, Refrigerated Liquid	<b>CAS NO:</b>	7782-44-7

**Notes:**

1. Produced by Air Liquefaction Process, testing exempt under USP compendium
2. USP- Medical Oxygen, United States Pharmacopeia
3. NT – Not Tested
4. Certificate of Analysis Specification Results Available Upon Request
5. Food Chemical Codex For Food Grade Oxygen Does Not Exist. The USP and FCC Monographs Are Owned By The Same Organization, Therefore USP Monograph Will Be Used For Food Grade Oxygen
6. Meets MIL-PRF-25508F Type II Grade B Specification