



## CERTIFICATE OF CONFORMANCE

**Keen Compressed Gas Co.** Quality Control Program, Enables Keen To Meet or Exceed the Minimum Specifications Listed For The Product Grades Named Below In Compliance With Standard Operating Procedures, Industry and/or Government Guidelines. The Product Grades Below Are Eligible To Be Received With A Certificate of Batch or Individual Cylinder Analysis Upon Request.

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

	Refrigerated Liquid <sup>1,4</sup>	USP Refrigerated Liquid <sup>1,2,4,5</sup>
<b>Minimum Purity</b> <sup>2,4,5,6:</sup>	≥ 99.0	≥ 99.2
<b>Argon</b> <sup>4:</sup>	NT	NT
<b>Nitrogen</b> <sup>4:</sup>	NT	NT
<b>Krypton:</b>	NT	NT
<b>Carbon Dioxide:</b>	NT	NT
<b>Carbon Monoxide:</b>	NT	NT
<b>Odor:</b>	None	None
<b>Total Hydrocarbon</b> <sup>4,6:</sup>	≤ 50 ppm	≤ 50 ppm
<b>Moisture</b> <sup>4,6:</sup>	NT	≤ 3.0 ppm
<b>Dew Point:</b>	-92°F	-92°F
<b>Boiling Point:</b>	-361°F	-361°F
<b>CGA Connection:</b>	440 (Liquid Use) 540 (Gas Use)	440 (Liquid Use) 540 (Gas Use)
<b>Lot Label Tracking:</b>	No	Yes
<b>TECHNICAL</b>		
<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 cf/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 Specification, Type II