



## 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.

### ARGON (Ar)

	Industrial <sup>1</sup>	Zero <sup>1,4,5</sup>	Grade 4.8 <sup>1,5</sup>	High Purity <sup>1,5</sup>
<b>Minimum Purity <sup>3,4</sup>:</b>	99.997	99.998	99.998	99.999
<b>Carbon Dioxide:</b>	≤ 1.0 ppm	≤ 1.0 ppm	≤ 1.0 ppm	≤ 0.5 ppm
<b>Carbon Monoxide:</b>	NT	NT	NT	NT
<b>Hydrogen:</b>	NT	NT	NT	NT
<b>Nitrogen:</b>	≤ 20.0 ppm	≤ 4.0 ppm	≤ 4.0 ppm	≤ 4.0 ppm
<b>Oxygen <sup>3,4</sup>:</b>	≤ 5.0 ppm	≤ 5.0 ppm	≤ 2.0 ppm	≤ 1.0 ppm
<b>Odor:</b>	NT	NT	NT	NT
<b>Total Hydrocarbon <sup>3,4</sup>:</b>	≤ 1.0 ppm	≤ 0.5 ppm	≤ 0.5 ppm	≤ 0.5 ppm
<b>Moisture <sup>3,4</sup>:</b>	≤ 5.0 ppm	≤ 3.0 ppm	≤ 2.0 ppm	≤ 1.0 ppm
<b>Dew Point:</b>	-76°F	-92°F	-97°F	-105°F
<b>Boiling Point:</b>	-302°F	-302°F	-302°F	-302°F
<b>CGA Connection <sup>5,6</sup>:</b>	580 / 677	580	580, 677	580
<b>Lot Label Tracking:</b>	No	Yes	Yes	Yes
<b>TECHNICAL</b>				
<b>UN ID:</b>	1006		<b>Molecular Weight:</b>	39.95g/mol
<b>DOT Classification:</b>	2.2 Non-Flammable Gas		<b>Specific Volume:</b>	9.7 ft <sup>3</sup> /lb
<b>DOT Ship Name:</b>	Argon, Compressed		<b>CAS NO:</b>	7440-37-1

**Notes:**

1. Produced by Air Liquefaction Process Which Includes Trace Quantities of Neon, Helium and Argon
2. NT – Not Tested
3. Certificate of Analysis Specification Results Available Upon Request
4. Zero Grade Refers to Total Hydrocarbon Less Than 5 ppm
5. Meets MIL-A-18455C Specification
6. CGA Connection 677 for 6000 PSI Cylinders