



# Central Welding Supply Gas Specifications

<b>Helium</b>	<b>Purity</b>	<b>Oxygen</b>	<b>Water (H2O)</b>	<b>THC</b>	<b>CO + CO2</b>	<b>Nitrogen</b>
High Purity	99.998%	< 5.0 ppm	< 3.0 ppm			
Zero	99.998%	< 4.0 ppm	< 3.0 ppm	< 0.5 ppm		
Ultra High Purity	99.999%	< 1.0 ppm	< 1.0 ppm	< 0.5 ppm	* < 1.0 ppm	** < 5.0 ppm
Ultra Pure Carrier	99.9995%	< 1.0 ppm	< 1.0 ppm	< 0.5 ppm	* < 1.0 ppm	** < 3.0 ppm

<b>Argon</b>	<b>Purity</b>	<b>Oxygen</b>	<b>Water (H2O)</b>	<b>THC</b>	<b>CO + CO2</b>	<b>Nitrogen</b>
High Purity	99.998%	< 4.0 ppm	< 3.0 ppm			
Zero	99.998%	< 4.0 ppm	< 3.0 ppm	< 0.5 ppm		
Ultra High Purity	99.999%	< 1.0 ppm	< 1.0 ppm	< 0.5 ppm	* < 1.0 ppm	
Ultra Pure Carrier	99.9995%	< 0.5 ppm	< 0.5 ppm	< 0.3 ppm	* < 1.0 ppm	

\*Carbon Dioxide & Carbon Monoxide combined reading.

\*\* Readings based on Bulk Product Certificate of Analysis.



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<b>Nitrogen</b>	<b>Purity</b>	<b>Oxygen</b>	<b>Water (H2O)</b>	<b>THC</b>	<b>CO + CO2</b>
High Purity	99.998%	< 5.0 ppm	< 3.0 ppm		
Zero	99.998%	< 4.0 ppm	< 3.0 ppm	< 0.5 ppm	
Ultra High Purity	99.999%	< 1.0 ppm	< 1.0 ppm	< 0.5 ppm	
Ultra Pure Carrier	99.9995%	< 1.0 ppm	< 1.0 ppm	< 0.5 ppm	* < 1.0 ppm

<b>Carbon Dioxide</b>	<b>Purity</b>	<b>Oxygen</b>	<b>Water (H2O)</b>	<b>THC</b>
High Purity	99.9%		<10.0 ppm	
Coleman/Instrument	99.99%	< 20 ppm	< 10.0 ppm	< 10.0 ppm

\* Carbon Dioxide & Carbon Monoxide combined reading.