



Laboratory: Red Ball TGS  
 555 Craig Kennedy Way  
 Shreveport, LA 71107  
 800-551-8150

## CERTIFICATE OF ANALYSIS

### Ultra High Purity Nitrogen

Lot Number:	CJ2307171422	Certification Date:	7/17/23
Product ID Number:	123084	Fill Date:	7/17/23
Cylinder Pressure:	2400 PSI	MFG Facility:	RBO- SHREVEPORT

Do Not Use This Cylinder Below 50 psig (1.0 Megapascal).

#### Certified Concentration(s)

Component	Concentration Specification	Actual
<b>Nitrogen</b>	<b>99.9990%</b>	<b>99.9990%</b>
<b>Moisture</b>	<b>&lt;1.0 PPM</b>	<b>0.984 PPM</b>
<b>Oxygen</b>	<b>&lt;1.5 PPM</b>	<b>0.018 PPM</b>
<b>Total Hydrocarbons</b>	<b>&lt;0.5 PPM</b>	<b>0.000 PPM</b>

**Cylinders in Lot**

L9839	K20127	2L22871	7200509Y
L2595	K16309	K38264	164162
L21403	2563921Y	K38521	TC9271
L31541	K28328	K38800	
L58150	K31734	K38548	

This is to certify the gases referenced have been calibrated/tested, and verified to meet the defined specifications. International System of Units (SI).  
 This calibration/test was performed using Gases or Scales that are traceable through National Institute of Standards and Technology (NIST) to the International System of Units (SI).

**Timothy Davis**  
 Analytical Chemist