



|                    |                 |
|--------------------|-----------------|
| Cylinder Number:   | FF535802        |
| Product ID Number: | 305324-INT      |
| Cylinder Pressure: | 1800 PSIG       |
| COA #              | HP2507080940-01 |

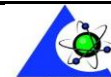
|                                      |                      |
|--------------------------------------|----------------------|
| <b>Certification Date:</b>           | 07/14/2025           |
| <b>Expiration Date:</b>              | 07/14/2027           |
| <b>MFG Facility:</b>                 | RBTGS-Friendswood-TX |
| <b>Lot Number:</b>                   | HP2507080940         |
| <b>Tracking Number:</b>              | B2368532             |
| <b>Previous Certification Dates:</b> |                      |

**This mixture is certified in Mole % to be within  $\pm 1\%$  of the actual number reported with a confidence of 95%.**

**Do Not Use This Cylinder Below 100 psig (0.7 Megapascal).**

| Component        | Concentration | Analytical Uncertainty | Analytical Principle |
|------------------|---------------|------------------------|----------------------|
| Hydrogen Sulfide | 10.1 ppm      | ± 5% NIST              | G                    |
| Carbon Monoxide  | 27.8 ppm      | ± 5% NIST              | D                    |
| Methane          | 0.750 %       | ± 2% NIST              | D                    |
| Carbon Dioxide   | 0.990 %       | ± 2% NIST              | D                    |
| Oxygen           | 9.50 %        | ± 2% NIST              | D                    |
| Nitrogen         | Balance       |                        |                      |

- A: Gas Chromatograph with Flame Photometric Detector
- B: Gas Chromatograph with Flame Ionization Detector
- C: Flame Ionization with Methanizer
- D: Gas Chromatograph with Thermal Conductivity Detector
- E: Gas Chromatograph with Pulsed Discharge Helium Ionization Detector
- F: Electrolytic Hygrometer
- G: Electrochemical H<sub>2</sub>S Analyzer
- H: Paramagnetic Oxygen Analyzer
- I: Total Sulfur Analyzer - MWDXRF
- J: Infrared - NDIR
- K: Coulometric Titration
- L: Detector Tube
- M: Gravimetric
- N: Total Hydrocarbon Analyzer - FID



**PJLA**  
Calibration and Testing  
Accreditation #112095



**Assay Lab**  
**Red Ball Technical Gas Service**  
**14200 Beamer Rd.**  
**Friendswood, TX 77546**

Brian Ballard

**Brian Bellard**  
**Analytical Chemist**