



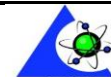
Cylinder Number:	FF535831	Certification Date:	07/14/2025
Product ID Number:	305325-INT	Expiration Date:	07/14/2027
Cylinder Pressure:	1800 PSIG	MFG Facility:	RB TGS-Friendswood-TX
COA #	HP2507081226-01	Lot Number:	HP2507081226
		Tracking Number:	B2368525
		Previous Certification Dates:	

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	19.7 ppm	± 5% NIST	G
Carbon Monoxide	54.0 ppm	± 5% NIST	D
Methane	1.45 %	± 2% NIST	D
Carbon Dioxide	2.54 %	± 2% NIST	D
Oxygen	14.30 %	± 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 H₂S 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



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Brian Ballard

Brian Bellard
Analytical Chemist