



Certificate of Analysis

Number: 2500-24010031-008A

Greeley Laboratory
2881 S. 31st Ave
Unit 6-8
Greeley, CO 80631

Tony Walton
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4301 Industrial Parkway
Evans, CO 80620

Jan. 08, 2024

Station Name: NPF 21-24-22 HC GLM
Station Number: 66004626
Station Location: NPF K-22 Pad
Sample Point: Meter Tube Run
Analyzed: 01/05/2024 15:33:28 by VRM

Sampled By: Russ Fox
Sample Of: Gas Spot
Sample Date: 12/27/2023 10:50
Sample Conditions: 735.12 psig, @ 113.20 °F
Method: GPA-2261M
Cylinder No: 1288

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0002	NIL		GPM TOTAL C2+ 6.953
Nitrogen	0.4293	0.535		GPM TOTAL C3+ 3.181
Carbon Dioxide	2.4317	4.764		GPM TOTAL iC5+ 0.394
Methane	72.4161	51.716		
Ethane	14.0501	18.806	3.772	
Propane	6.9123	13.568	1.912	
Iso-butane	0.7414	1.918	0.244	
n-Butane	1.9926	5.155	0.631	
Iso-pentane	0.3513	1.128	0.129	
n-Pentane	0.4168	1.339	0.152	
Hexanes Plus	0.2582	1.071	0.113	
	100.0000	100.000	6.953	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7785	3.2176
Calculated Molecular Weight	22.46	93.19
Compressibility Factor	0.9960	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1295	5141
Water Sat. Gas Base BTU	1273	5052
Comments: H2S Field Content 2.00 ppm		

Ryleigh Jacobs

Data reviewed by: Ryleigh Jacobs, Laboratory Analyst

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.