



Certificate of Analysis
 Number: 2500-25070108-001A

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

Tony Walton
 Civitas Resources
 4301 Industrial Parkway
 Evans, CO 80620

July 17, 2025

Station Name: NPF 21-24-22 HC GLM
 Station Number: 66004626
 Station Location: NPF K-22 Pad
 Sample Point: Meter Tube Run
 Analyzed: 07/17/2025 07:38:07 by VRM

Sampled By: Russ Fox
 Sample Of: Gas Spot
 Sample Date: 06/25/2025 14:15
 Sample Conditions: 798.22 psig, @ 105.82 °F
 Method: GPA-2261M
 Cylinder No: 33

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL	GPM TOTAL C2+ 6.797	
Nitrogen	0.6940	0.864	GPM TOTAL C3+ 3.136	
Carbon Dioxide	2.3985	4.693	GPM TOTAL iC5+ 0.593	
Methane	72.9457	52.029		
Ethane	13.6358	18.230	3.661	
Propane	6.4682	12.681	1.789	
Iso-butane	0.6373	1.647	0.209	
n-Butane	1.7221	4.450	0.545	
Iso-pentane	0.3685	1.182	0.135	
n-Pentane	0.4896	1.571	0.178	
Hexanes Plus	0.6403	2.653	0.280	
	100.0000	100.000	6.797	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.7795	3.2176
Calculated Molecular Weight	22.49	93.19
Compressibility Factor	0.9959	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1293	5141
Water Sat. Gas Base BTU	1271	5052

Comments: H2S Field Content 2.00 ppm

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.