



# Certificate of Analysis

Number: 2500-22050178-004A

Greeley Laboratory  
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Unit 6-8  
Greeley, CO 80631

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4301 Industrial Parkway  
Evans, CO 80620

May 27, 2022

Station Name: SA T44-2-14 XRLNB GPM  
Station Number: 68004805  
Station Location: SA 41-11 Pad  
Sample Point: Meter Tube Run  
Analyzed: 05/27/2022 08:42:32 by SO

Sampled By: Paul Renslow  
Sample Of: Gas Spot  
Sample Date: 05/20/2022 12:15  
Sample Conditions: 113.59 psig, @ 103.23 °F  
Method: GPA-2261M  
Cylinder No: 467

## Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	0.0001	NIL		GPM TOTAL C2+ 7.487
Nitrogen	0.6700	0.797		GPM TOTAL C3+ 4.137
Carbon Dioxide	2.3434	4.380		GPM TOTAL iC5+ 0.775
Methane	70.9456	48.332		
Ethane	12.4720	15.926	3.350	
Propane	8.0785	15.128	2.235	
Iso-butane	0.8459	2.088	0.278	
n-Butane	2.6812	6.618	0.849	
Iso-pentane	0.5102	1.563	0.187	
n-Pentane	0.6523	1.999	0.237	
Hexanes Plus	0.8008	3.169	0.351	
	100.0000	100.000	7.487	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8164	3.2176
Calculated Molecular Weight	23.55	93.19
Compressibility Factor	0.9955	
<b>GPA 2172 Calculation:</b>		
<b>Calculated Gross BTU per ft<sup>3</sup> @ 14.73 psia &amp; 60°F</b>		
Real Gas Dry BTU	1352	5141
Water Sat. Gas Base BTU	1329	5052
<b>Comments:</b> H2S Field Content 1.0 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.