



Certificate of Analysis  
 Number: 2500-24020213-004A

Greeley Laboratory  
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 Unit 6-8  
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 4301 Industrial Parkway  
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Mar. 01, 2024

Station Name: ANT FED 34-20-17XRLNC GPM  
 Station Number: 68005067  
 Station Location: ANT O-20 Pad  
 Sample Point: Meter Tube Run  
 Analyzed: 02/29/2024 18:36:02 by VRM

Sampled By: Russ Fox  
 Sample Of: Gas Spot  
 Sample Date: 02/13/2024 15:15  
 Sample Conditions: 168.02 psig, @ 77.62 °F  
 Method: GPA-2261M  
 Cylinder No: 487

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia	
Hydrogen Sulfide	NIL	NIL	GPM TOTAL C2+ 7.554	
Nitrogen	0.9193	1.110	GPM TOTAL C3+ 3.875	
Carbon Dioxide	2.3367	4.432	GPM TOTAL iC5+ 0.384	
Methane	69.9492	48.360		
Ethane	13.7006	17.754	3.679	
Propane	8.8888	16.891	2.459	
Iso-butane	0.8739	2.189	0.287	
n-Butane	2.3531	5.894	0.745	
Iso-pentane	0.2923	0.909	0.107	
n-Pentane	0.3237	1.006	0.118	
Hexanes Plus	0.3624	1.455	0.159	
	100.0000	100.000	7.554	

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8044	3.2176
Calculated Molecular Weight	23.20	93.19
Compressibility Factor	0.9957	
<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	1330	5141
Water Sat. Gas Base BTU	1307	5052

*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.