



Certificate of Analysis
 Number: 2500-21060209-001A

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

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 Tyler Gray
 1700 Lincoln Street
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 Denver, CO 80290

July 06, 2021

Field: Redtail
 Station Name: Razor 10E
 Station Number: RTP0276
 Station Location: RZR 10E-0302B Sales
 Sample Point: Meter Run
 Analyzed: 07/01/2021 14:42:44 by RGA

Sampled By: DK Jones
 Sample Of: Gas Spot
 Sample Date: 06/25/2021 13:00
 Sample Conditions: 44.1 psig, @ 71.1 °F
 Method: GPA-2261M
 Cylinder No: 2500-00844

Analytical Data

Components	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.000	0.000		GPM TOTAL C2+	8.088
Nitrogen	1.120	1.258		GPM TOTAL C3+	5.200
Carbon Dioxide	2.660	4.692		GPM TOTAL iC5+	1.307
Methane	68.795	44.239			
Ethane	10.747	12.953	2.888		
Propane	8.914	15.756	2.468		
Iso-butane	0.953	2.220	0.313		
n-Butane	3.509	8.175	1.112		
Iso-pentane	0.787	2.276	0.289		
n-Pentane	1.143	3.306	0.416		
Hexanes Plus	1.372	5.125	0.602		
	100.000	100.000	8.088		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.8655	3.2176
Calculated Molecular Weight	24.95	93.19
Compressibility Factor	0.9949	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1413	5141
Water Sat. Gas Base BTU	1389	5052
Comments: H2S Lab Content 0 ppm; Field 11 ppm		

Carson Souther

Data reviewed by: Carson Souther, Laboratory Analyst

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