



Certificate of Analysis

Number: 6030-23050401-010A

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1 Mile North NM Hwy 248
Eunice, NM 88231

June 01, 2023

Station Name: Rojo Lean Fuel
Station Number: 83741
Station Location: Lucid
Sample Point: Sales
Instrument: 70104251 (Inficon GC-MicroFusion)
Last Inst. Cal.: 05/30/2023 0:00 AM
Analyzed: 06/01/2023 12:16:01 by EBH

Sampled By: Cesar Ramirez
Sample Of: Gas Spot
Sample Date: 05/19/2023 09:14
Sample Conditions: 944.25 psia, @ 83.86 °F
Effective Date: 05/19/2023 09:14
PO/Ref. No: TAR271547
Method: GPA-2261M
Cylinder No: 9999-002363

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.73 psia		
Hydrogen Sulfide	0.0000	0.0000	0.0000		GPM TOTAL C2+	1.308
Nitrogen	1.6616	1.6475	2.7040		GPM TOTAL C3+	0.077
Methane	93.9658	93.1678	87.5693		GPM TOTAL iC5+	0.015
Carbon Dioxide	0.3350	0.3322	0.8566			
Ethane	4.6317	4.5924	8.0904	1.231		
Propane	0.2100	0.2082	0.5379	0.057		
Iso-butane	0.0057	0.0057	0.0194	0.002		
n-Butane	0.0105	0.0104	0.0354	0.003		
Iso-pentane	0.0032	0.0032	0.0135	0.001		
n-Pentane	0.0036	0.0036	0.0152	0.001		
Hexanes Plus	0.0292	0.0290	0.1583	0.013		
	100.8563	100.0000	100.0000	1.308		

Calculated Physical Properties	Total	C6+
Relative Density Real Gas	0.5904	3.2176
Calculated Molecular Weight	17.07	93.19
Compressibility Factor	0.9978	
GPA 2172 Calculation:		
Calculated Gross BTU per ft³ @ 14.73 psia & 60°F		
Real Gas Dry BTU	1034	5141
Water Sat. Gas Base BTU	1017	5052
Ideal, Gross HV - Dry at 14.73 psia	1032.2	5141.1
Ideal, Gross HV - Wet	1014.2	5051.6

Hydrocarbon Laboratory Manager

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