Inficon Micro GC Fusion

TEP Rocky Mountain LLC, Gas Analysis

GPA 2145-09 Analysis Calculation

Sample Information

	Sample Information
Sample Name	RMV 15-35 BRADENHEAD
Operator:	DUSTIN GERMANO
Meter Station Number:	
Field Remarks:	
GC Serial Number:	70162215
Sample Pressure PSIG	133
Sample Temperature:	
Atmospheric Pressure:	
COC#	0128379
Analysis Type	Spot / Portable GC
Heat Trace Used	Heated JT Reg / Heated Hose
Flow Rate (MCF)	
Ambient Air Temp	86
Last GC Calibration / Verification	JUNE 26, 2024
Injection Date	2024-06-26 10:43:08
Source Data File	f94f909b-f772-44e0-9444-f6aa7d0b66e4

Component Results

Component Name	Peak Area	Raw Amount	Norm%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)
Nitrogen	9871.5	0.5145	0.5215	0.0	0.00504	0.000
Methane	1411136.7	94.6445	95.9214	971.0	0.53131	0.000
CO2	0.0	0.0000	0.0000	0.0	0.00000	0.000
Ethane	70538.7	2.6707	2.7067	48.0	0.02810	0.725
Propane	18337.9	0.4903	0.4970	12.5	0.00757	0.137
iso-Butane	7143.2	0.0975	0.0988	3.2	0.00198	0.032
n-Butane	7442.8	0.1049	0.1063	3.5	0.00213	0.034
iso-Pentane	2441.3	0.0359	0.0364	1.5	0.00091	0.013
n-Pentane	3407.3	0.0290	0.0294	1.2	0.00073	0.011
Hexanes	3603.0	0.0332	0.0337	1.6	0.00100	0.014
Heptanes	2626.0	0.0213	0.0216	1.2	0.00075	0.010
Octanes	2887.0	0.0211	0.0214	1.3	0.00084	0.011
Nonane Plus	846.0	0.0057	0.0058	0.4	0.00026	0.003
Water	0.0	0.0000	0.0000	0.0	0.00000	0.000
Total:		98.6687	100.0000	1045.5	0.58063	0.991

Results Summary

Result	Dry	Sat. (Base)	
Total Raw Mole% (Dry)	98.6687		
Pressure Base (psia)	14.730		
Temperature Base	60.0		
Water Mole%	-	1.7404	
Gross Heating Value (BTU / Ideal cu.ft.)	1045.47	1027.28	
Gross Heating Value (BTU / Real cu.ft.)	1047.76	1029.88	
Relative Density (G), Real	0.5817	0.5826	
Compressibility (Z) Factor	0.9978	0.9975	
Wobbe Index	1373.8	1349.3	