Diablo Analytical BTU Report

Sample Information

	Sample Information
Sample Name	Ted-Hazel 11-1
Station Number	067-7171
Taken By	Travis Tapp
Method Name	NGAEMS1
Injection Date	4/13/2016 8:58:11 AM
Report Date	04/13/2016 09:10:20 AM
BTU Configuration File	default.cfg
Data Source	Cerity data system connection
Instrument	G2801AGC - CN10752004
Data Saved To:	Ted-Hazel 11-1 -20160413-091020.btu

Component Results

Component Name	Ret. Time	Peak Area	Normalized Mole%	Heating Value (Btu / cu. ft.)	Molar Mass Ratio (G)	GPM (Gal. / 1000 cu. ft.)	
Nitrogen	0.291	2448	0.2791	0.0000	0.0027	0.0308	
Methane	0.302	470587	78.1200	790.8374	0.4327	13.2923	
Carbon Dioxide	0.410	13987	1.4620	0.0000	0.0222	0.2504	
Ethane	0.479	95168	9.5523	169.4382	0.0992	2.5640	
Hydrogen Sulfide	0.000	0	0.0000	0.0000	0.0000		
Propane	1.390	63398	5.2012	131.1702	0.0792	1.4382	
i-Butane	0.349	40579	0.8442	27.5161	0.0169	0.2773	
n-Butane	0.369	114272	2.3573	77.0801	0.0473	0.7459	
i-Pentane	0.435	44255	0.8474	33.9821	0.0211	0.3110	
n-Pentane	0.462	50152	0.9286	37.3109	0.0231	0.3378	
Hexanes Plus	0.573	22989	0.4079	19.4442	0.0121	0.1684	
Total:			100.0000	1286.7791	0.7566	19.4161	

Results Summary

Result	Dry	
Total Unnormalized Mole%	102.5631	
Pressure Base (psia)	14.730	
Gross Heating Value (Btu / Ideal cu. ft.)	1286.7791	
Gross Heating Value (Btu / Real cu. ft.)	1291.8256	
Real Relative Density	0.75925	
Gas Compressibility (Z) Factor	0.99609	