

# Isotech Gas Data

Job 12371

Isotech Lab No.	Sample Name	GC date	He %	H <sub>2</sub> %	Ar %	O <sub>2</sub> %	CO <sub>2</sub> %	N <sub>2</sub> %	CO %	C <sub>1</sub> %	C <sub>2</sub> %	C <sub>2</sub> H <sub>4</sub> %	C <sub>3</sub> %	iC <sub>4</sub> %	nC <sub>4</sub> %	iC <sub>5</sub> %	nC <sub>5</sub> %	C <sub>6</sub> + %	MS date	δ <sup>13</sup> C <sub>1</sub> ‰	δDC <sub>1</sub> ‰	δ <sup>13</sup> C <sub>2</sub> ‰	δ <sup>13</sup> C <sub>3</sub> ‰	Specific Gravity	BTU	Helium dilution factor *
176967	MILL 1	1/04/2010			1.02	2.39	0.24	62.19	0	33.73	0.379	0	0.0459	0.0036	0.0003	0	0	0	1/08/2010	-50.94	-196.3	-27.1	-25.3	0.837	350	0.70

Chemical analysis based on standards accurate to within 2%

\* Analysis is of gas extracted from water by headspace equilibration. Analysis has been corrected for helium added to create headspace.

\*Addition of helium negates the ability to detect native helium or hydrogen.

**\*\*isotopes obtained online via GC-C-IRMS**