

**Certificate of Analysis
Part No. B2814
Proximate Coal Standard**

Certificate Number TEXLIG896
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Dried Basis Value

Mean Weight % Sulphur	=	0.61
Standard Deviation	=	0.04
Mean Weight % Ash	=	7.56
Standard Deviation	=	0.16
Mean Weight % Vol. Matter	=	*36.31
Standard Deviation*	=	*0.84
BTU*	=	*13182
Expanded Uncertainty	=	*184
Fixed Carbon*	=	*56.13

Methods Employed:

Sulphur	ASTM D4239
Ash	ASTM D3174
Vol. Matter	ASTM D3175, *D7582
BTU	ASTM D3286, *D5865, *D240

Notes:

*This certified reference has been reviewed and revised on January 22, 2014. Items that have not been changed showed consistent with original certification. The uncertainty for BTU is the expanded uncertainty k=2, 95% confidence. Other listed standard deviations represent the k=1 68% confidence limits as originally reported or calculated from the test method.

The certified mean values were statistically derived from the values reported in a round-robin analysis.

Normal ASTM procedures should be employed when using this standard. This includes using the reproducibility and repeatability factors. Use the reproducibility factor when establishing the first set of data, and then establish an internal repeatability factor as your guideline.

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EXPIRATION DATE: THIS PRODUCT IS VALID FOR TWO YEARS FROM THE DATE OF OPENING