

Analytical Results				
Dried basis value				
Proximate Analysis		n=	k=	ASTM
% Ash	7.86±0.19	21	2.1	D3174/D7582
% Volatile Matter	39.29±2.46	21	2.1	D3175/D7582
% Fixed Carbon (calculated)	(52.85)	--	--	D3172
% Sulfur	0.62±0.04	28	2.1	D4239
Btu/lb	11829±63	8	2.4	D5865

() – indicates informational value only.

References used: Sulfur – NIST (SRM 2692c, 2682c, 1632d) and NCS FC28006j,  
 BTU – Benzoic Acid NIST SRM 39j.

*\*The analytical results above are provided by an accredited reference material manufacturer with a current certification in ISO 17025 and 17034.*

The intended use of this Reference Material (RM) is for the verification of various tests by the above-mentioned methods.

The minimum and typical sample size to perform this intended use is subject to the test method and instrumentation used.

The analytical samples should be dried or corrected for moisture as per the test method you are using.

The Period of Validity for this RM is not able to be determined and should be reviewed 20 years after the date below. Once opened this certificate is valid for two years.

This bottle contains 50g of fine coal powder (-60mesh) to be used per the test method you follow. Keep sealed tightly and store under normal laboratory conditions.

Refer to your test methods and or manufacturer manual for expanded uncertainties, repeatability/reproducibility factors.

For good laboratory practice, we recommend that all reference materials be verified as fit for purpose prior to use. Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Elemental Microanalysis Ltd. be liable for incidental or consequential damages.

Certified on the 24<sup>th</sup> of January 2024.

Elemental Microanalysis Ltd