

Analytical Results					
(Dried Basis)					
	% Ash	% Volatile Matter	% Fixed Carbon (calc)	% Sulfur	BTU/lb
Test Method	ASTM D3174/D7582	ASTM D3175/D7582	ASTM D3172	ASTM D4239	ASTM D5865
Mean	19.18	29.28	(51.16)	3.31	11377
St Dev	0.12	0.75	--	0.13	33
Exp Uncertainty	0.24	1.56	--	0.27	78
n	21	21	--	40	8
k	2.09	2.09	--	2.02	2.36

Primary (NMI) Reference Standards Employed:	
Test	Primary Reference Standards
% Sulfur	NIST SRM 2684c, 2685c; NCS FC28009F; QAR CRM-9a; LQSI 8H0158
BTU	Benzoic Acid
Volatile Matter	LQSI 200045

**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 using the above-mentioned test methods.

The minimum sample size to perform this intended use is dependent on test method and instrumentation used.

The Period of Validity for this RM is 15 years from the date of certification.

This bottle contains 50g of fine coal powder (-60mesh) to be used per the test method you follow. This material is intended to be dried or corrected for moisture as per the test methods used. 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 19th of April 2024.

Elemental Microanalysis Ltd