

Analytical Results			
Property	Value	U_{95%}	
% Ash	7.69	±0.22	n= 18 k=2.1
% Volatile Matter	(0.7)	-	
% Fixed Carbon (Calculated)	(91.61)	-	
% Sulfur	0.59	±0.03	n= 36 k=2.0
**BTU/lb (J/g)	13281	±281	n= 7 k=2.4
References used: Sulfur – SRM 2775, SRM 2776, SRM 2719, FC93005 BTU- Benzoic Acid Methods Used: %Ash: D3174/D7582 %Volatile Matter: D3175/D7582 %Fixed Carbon: D3172 %Sulphur: D4239 Btu/lb: D5865			

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

*** proper analysis methods and complete combustion required. Exceeds method reproducibility.*

(J)= Indicates for reference value only.

The intended use of this Reference Material (RM) is for the verification and calibration of the methods of analysis above for the determination of the corresponding listed property values.

Typical sample size for analytical testing and minimum size 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 15 years from the initial certification date, provided the RM is handled and stored in accordance with the instructions given in this certificate. Once opened this certificate is valid for 2 years.

This bottle contains 50g of Coke Powder 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 28th of August 2023

Elemental Microanalysis Ltd