

Analytical Results		
<p>% Carbon Value = 46.2 Expanded Uncertainty = 1.9 Method & Detection = Combustion/IR n = 30 k = 2.0</p>		<p>% Nitrogen Value = 2.14 Expanded Uncertainty = 0.21 Method & Detection = Combustion/TC n = 30 k = 2.0</p>
<p>% Sulfur Value = 0.18 Expanded Uncertainty = 0.08 Method & Detection = Combustion/IR or IC n = 30 k = 2.0</p>		
<p>ASTM D5373-21 – Standard Test Methods for Determination of Carbon, Hydrogen and Nitrogen in Analysis Samples of Coal and Coke</p>		
<p>ASTM D4239-18 – Standard Test Method for Sulfur in the Analysis Sample of Coal and Coke Using High-Temperature Tube Furnace Combustion</p>		

**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 and calibration of combustion and other appropriate analysis methods for the determination of carbon, nitrogen, and sulfur. This RM can also be used to validate value assignment of in-house reference materials.

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

The Period of Validity for this RM is 5 years after the date below, if handling and storage instructions are followed.

This bottle contains 30g of reference material as a fine 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 29th of October 2024

Elemental Microanalysis Ltd