

Analytical Results

% Sulfur

Mean = 0.28

Expanded Uncertainty = 0.03

n = 42

k = 2.0

Primary (NMI) Reference Standards Employed:

NIST – 2693, 2682c

NCS – FC28113, FC28003F, FC28104

Method

Combustion/ IR ASTM D4239-18

**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 resistance furnace combustion analyzers for the determination of sulfur

Typical and minimum sample size for analytical testing is dependent upon the test method and instrumentation used, however a sample size of 0.3 to 0.5g is recommended

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

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 27th June, 2024

Elemental Microanalysis Ltd