

Analytical Results (Dried Basis)

% Sulfur

Mean = 1.44

St Dev = 0.03

Expanded Uncertainty = 0.06

n = 30

k= 2.0

Primary (NMI) Reference Standards Employed:

NIST – 2692c, 1632d, 2683c

NCS – FC28010e

Method

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 sulfur by resistance furnace combustion analyzers with infrared detection in accordance with the above-listed test methods.

Typical and minimum sample size for analytical testing is dependent upon the test method and instrumentation used.

The Period of Validity for this RM is for 15 years after the certified date below.

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. This material is intended to be dried or corrected for moisture as per the test methods used.

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 31st of May 2024.

Elemental Microanalysis Ltd