

### Analytical Results

**% Sulphur**

Value = 0.77

Expanded Uncertainty = 0.01

n = 40

Method of Detection = Resistance combustion & infra-red detection

k ≈ (95% confidence)

Values recorded as per Dried Basis

**Primary Reference Standards Used:**

N.I.S.T. SRM 2776, NCS FC28120

**Methods Employed:**

ASTM D 4239-14

*\*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 in metallurgical coke by resistance combustion and infra-red detection as described in ASTM D4239.

The minimum sample size to perform this intended use is 300mg.

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

This bottle contains 50g of minus 60 mesh (250 micron) 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 17<sup>th</sup> of May 2017

Elemental Microanalysis Ltd