

### Analytical Results

**Dried basis value**

Weight Percent Sulfur = 2.30

Expanded Uncertainty = 0.10

(k=2, @95% confidence limit, n=32)

**This RM is traced to NCS CRM FC93005, FC28014**

**METHOD: ASTM D 4239-18**

*\*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 calibration and quality validation of sulfur in calcined coke by oxygen combustion using resistance furnace and infra-red detection analysis as specified by ASTM 4239 or other valid test methods.

The sample size used, and minimum sample size is approximately 300-500mg. The analytical samples were dried per the NMI used or corrected for moisture as per the test method.

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) calcined coke 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 25<sup>th</sup> of March 2024.

Elemental Microanalysis Ltd