

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 not able to be determined and should be reviewed 20 years after the date below. Once opened this certificate is valid for 2 years.

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 25th of March 2024.

Elemental Microanalysis Ltd