

Certificate of Analysis
Part No. B2340
Sulphur in Coal Standard

Certificate Number 714416
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Dried Basis Value

Weight Percent Sulphur = 1.71
Expanded Uncertainty = 0.03

Method:

ASTM D 4239-14 AND ARI-035
This RM is traced to N.I.S.T. SRM 2683c, 1632d

Notes

The analytical values were derived by data points (n=40) and reported in mass fraction. The precision value represents the expanded degree of uncertainty based on errors from analytical assay at a 95% confidence level (k=2) and may not fit within your testing capabilities. Formal testing procedures should be followed when using this standard; this includes using the *reproducibility* and *repeatability* factors of the method for establishing overall analytical uncertainty. When necessary, professional judgment is applied toward consideration of data and statistical information.

The material used in production of this standard was identified in accordance with ARI 041. The samples for round robin testing were selected in accordance with ARI 031. The above values relate only to the material used to produce this standard. The analytical samples were dried per the NMI used or corrected for moisture as per the test method.

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. The above values relate only to the material used to produce this standard. This certificate cannot be reproduced except in full. This bottle contains 50g, minus 60 mesh (250 micron) coal powder. Keep sealed tightly and store under normal laboratory conditions. Values are valid for 15 years from the date of certification.

This Reference Material (working standard) is traceable to the above-mentioned standards. For good laboratory practice it is recommended that all standards be verified prior to use.

Certified May 9, 2016

Elemental Microanalysis Limited