

Elemental Microanalysis Limited

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Certificate of Analysis**Part No. B2315****Coke Standard**

Certificate Number	191109
Date	08 September 2014
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Dried Basis Value

Weight Percent Sulphur = 0.61
Standard Deviation = 0.02

The certified mean values were statistically derived from the values reported through Round Robin

Method
ASTM D 4239-08 Method B and ARI-035

This Certified Reference Material is traced to
N.I.S.T. 2775, 2776
CANMET PC-3

Notes

The mean analytical values were derived by a number of data sets (n=30). The precision values represent the expanded degree of uncertainty based on errors from analytical assay at 95% confidence level (k=2). Normal ASTM procedures should be employed when using this standard. This includes using the *reproducibility* and *repeatability* factors for establishing analytical uncertainty.

The samples used for round robin testing were selected in accordance with ARI 014. The above values relate only to the material used to produce this standard. The analytical samples were dried under a nitrogen atmosphere for a minimum of 70 minutes at 107c +/- 3c until a steady mass is achieved

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.

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

This CRM is valid for two years from the date of opening

Certified February 3, 2010

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