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Certificate of Analysis
Part No. B2326
Coal Standard

Certificate Number 831015

Dried Basis Value

Weight Percent Sulphur = 0.052
Expanded Uncertainty = 0.006

Method

Combustion by Resistance Furnace with IR Detection *ASTM D4239 (below method described range)

This Reference Material is traced to AR1683, AR1684, AR1682

Notes

This Reference Material (RM) was prepared by gravimetric blending. The analytical value was calculated from a number of data points (n=40) obtained on instrumentation using combustion by resistance furnace with IR detection similar to ASTM D4239. The precision value represents expanded degree of uncertainty based on errors from analytical assay at a 95% confidence interval (k=2). This RM is below actual test method limits and no known SRM/NMI references are available.

The material used for this standard was identified by AR041. The samples for 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 under a nitrogen atmosphere for a minimum of 30 minutes at 107°C +/- 3°C until a steady mass is achieved. This bottle contains 50g fine powder to be used per your test method. Kept sealed this bottle has an indefinite shelf life. Once opened this certificate is valid for two years. Keep sealed and store under normal laboratory conditions.

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 is an RM and is traceable to the above-mentioned standard. For good laboratory practice it is recommended that all standards be verified prior to use.

* Past certified RM were used in comparisons

This RM is valid for two years from the date of opening.

Certified December 1. 2015

Elemental Microanalysis Limited