

Elemental Microanalysis Limited

Okehampton Business Park
Exeter Road
Okehampton
Devon EX20 1UB
Telephone 01837 54446
Fax 01837 54544

Certificate of Analysis**Part No. B2328****Ultra Low Sulphur Coal Standard**

Certificate Number 685217
Page 1 of 1

Dried Basis Value

Weight Percent Sulphur = 0.164
Expanded Uncertainty = 0.004

Method

Combustion by Resistance Furnace with IR Detection *ASTM4239 (below method described range)

This Reference Material is traced to NCS FC28113, AR1685-685610, AR1684-684414, AR1685-685414

Notes

This Reference Material (RM) was prepared by gravimetric blending. The analytical value was calculated from a number of data points (n=38) 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 at this concentration are available.

The material used in this standard was identified by AR 041. 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 a RM, and is traceable to the above-mentioned standard(s). 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 February 27, 2017.

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