

| Analytical Results | |
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| % Carbon Mean = 0.083 Standard Deviation = ± 0.002 Expanded Uncertainty = ± 0.005 (k=2, @95% confidence limit) (n=36) | % Sulfur Mean = 0.283 Standard Deviation = ± 0.011 Expanded Uncertainty = ± 0.023 (k=2, @95% confidence limit) (n=39) |
| Primary (NMI)/ISO 17034 Reference Standards Employed: NIST SRM 335, 16f, 129c, 8k, 339, 133b, 101g BAM 231-2, 286-1, 289-1 | |
| Method of Analysis is ASTM E1019-18 | |

**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 the calibration and verification of induction combustion Carbon/Sulfur analysis by infra-red detection as described by ASTM E1019.

The minimum and typical sample size to perform this intended use is 0.5g (1 pin) per ASTM E1019.

The Period of Validity for this RM is not able to be determined and should be reviewed 25 years after the date below.

This bottle contains 250g of 0.5g pins (nominal weight) 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 2nd of November 2023.

Elemental Microanalysis Ltd