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Certificate of Analysis
Part No. B2620
Copper Pin Standard

Analytical Results

% Oxygen	**% Sulfur (for reference only)***
Mean = 0.0007	Mean = 0.0007
Standard Deviation = ± 0.0001	Standard Deviation = ± 0.0001
Expanded Uncertainty = ± 0.0003	Expanded Uncertainty = ± 0.0003
(k=2, @95% confidence, n=37)	(k=2, @95% confidence, n=37)

Primary (NMI/17034) Reference Standards Employed:
NIST 885, 495, 1034
NCS NS11031

ASTM METHODS: E2575-08, E1019-18*

**Below scope limit of test method*

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 to be a calibration or QC validation of Oxygen and Sulfur by the ASTM test methods listed.

The minimum sample size and analytical sample size used to perform this intended use is 1 pin (1g nominal).

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 100g of 1g (nominal) pins 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 14th of August 2023.

Elemental Microanalysis Ltd

Updated on the 14th of January 2025