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Certificate of Analysis
Part No. B2624
Copper pin standard

Analytical Results

% Oxygen	**% Sulfur* (For reference only)**
Mean = 0.0187	Mean = 0.0008
Standard Deviation = ± 0.0002	Standard Deviation = ± 0.0001
Expanded Uncertainty = ± 0.0005	Expanded Uncertainty = ± 0.0002
(k=2, @95% confidence, n=31)	(k=2, @95% confidence, n=31)

ASTM METHODS: E2575-08, E1019-18*
***Below scope limit of test method**

Primary (NMI/17034) Reference Standards Employed:
NIST: 885, 495, 1034, 343a
INFM: Cu200/4, Cu300

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

The minimum sample size 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 pins (nominal) 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 10th of November 2023.

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Updated on the 14th of January 2025.