

Analytical Results	
% Carbon Value = 0.568 Expanded Uncertainty = ± 0.036 Method & Detection: Combustion/IR n=50 k=2.0	% Sulfur Value = 0.0033 Expanded Uncertainty = 0.0010 Method & Detection: Combustion/IR n=50 k=2.0
The reported values are traceable to the following primary reference standards: NIST SRM: 2160, 101g, 346a, 13g, 20g, 134a, 363, 50c, 14e, 152a JSS: 605-11, 030-9, 066-5 JK: 7B BAM: 289-1, 291-1 NCS: HC 11325, HC 11001 Methods: 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 verification and calibration of inert gas fusion (or other appropriate) analysers for the determination of oxygen, nitrogen, and hydrogen.

The minimum sample size to perform this intended use is 1pin (1.0g nominal).

The Period of Validity for this RM is 15 years after the date below.

This bottle contains 454g of 1.0g (nominal) steel 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 11th of July 2024.

Elemental Microanalysis Ltd