

Analytical Results	
% Oxygen Value = 0.0053 Expanded Uncertainty = ± 0.0012 Method & Detection = Inert Gas Fusion/TC n = 48 k = 2.0	% Nitrogen Value = 0.0056 Expanded Uncertainty = ± 0.0007 Method & Detection = Inert Gas Fusion/TC n = 48 k = 2.0
Traceable to the following primary reference standards: NIST SRM 1099, 1096, 12h, 163 ZRM 027-1, 026-2	
Methods employed: 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 and nitrogen.

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

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

This bottle contains 100g of 1.0g (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 2nd of August 2024

Elemental Microanalysis Ltd