

Analytical Results

% Carbon

Value = 49.93

Expanded Uncertainty = ± 0.81

Method & Detection: Combustion/TC

n = 20

k \approx 2.1 (95% confidence)

% Nitrogen

Value = 10.23

Expanded Uncertainty = ± 0.17

Method & Detection: Combustion/TC

n = 20

k \approx 2.1 (95% confidence)

% Sulfur

Value = 0.92

Expanded Uncertainty = ± 0.06

Method & Detection: Combustion/TC

n = 20

k \approx 2.1 (95% confidence)

Primary Reference Standards Used:

NIST SRM 143d

**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 of combustion analysis for the determination of carbon, nitrogen and sulfur.

The minimum sample size to perform this intended use is dependent upon the test method and instrumentation used. Values are on a "dried" basis.

The Period of Validity for this RM is 5 years after the initial certified date.

This bottle contains Corn Gluten (RM) 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 28th of April 2022.

Elemental Microanalysis Ltd