

Analytical Results

%Sulfur

Value = 0.049

Expanded uncertainty = 0.003

Method & Detection = X-Ray Fluorescence

n = 30

k ≈ 2 (95% confidence)

Primary Reference Standard Used:

NIST SRM 2722

Method Employed:

ASTM D4294-21 – Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-ray Fluorescence Spectrometry

**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 x-ray fluorescence and other appropriate analysis methods for the determination of sulfur.

The minimum sample size to perform this intended use is dependent upon the test method and instrumentation used.

The Period of Validity for this RM is 5 years from the date below, if handling and storage instructions are followed.

This bottle contains 100ml of sulfur in crude oil 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 13th of December 2024

Elemental Microanalysis Ltd