

CERTIFICATE OF CALIBRATION

ISSUED BY PARAGON SCIENTIFIC LIMITED

Date of Issue:

Certificate No.: 4884H



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Page 1 of 1 pages

Approved Signatory

Name

Mr P. Whitehurst

Technical Director

Signature

SULPHUR CONTENT FOR DIESEL FUEL

Test methods employed - ISO 20846

Part number:

CRM-SUGOLO

Batch number:

1232609

Expiry date:

Certified value:

8.4 mg/kg

Expanded Uncertainty:

± 0.30 mg/kg

Uncertainties

The reported confidence interval is based on a combined standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of 95%

Procedure

This standard has been tested in accordance with ISO 20846, Determination of sulphur content of automotive fuels, ultraviolet fluorescence method.

Sample care

This reference standard must be stored between +5°C and +30°C.

Hazards

The aforementioned test method dictates the use of high temperatures. Extra care must be utilised when using flammable materials near the oxidation pyrolysis furnace.

Certification procedure

The original oil barrel was issued from a major international refining company, and manufactured in accordance with ISO 9001. Certified values are the mean results calculated by a statistically significant number of laboratories. This product was manufactured in conformance with the requirements of ISO Guides 31, 35 and ISO 17034, allowable tolerances were calculated using ISO 5725 for the determination of precision data.

Recommended use

This product is intended to confirm the accuracy of an instrument and/or procedure of an analytical method. Certification is only valid for freshly opened sample. Certification is not valid for reused standard. Dispose of unused standard according to regulations.

Handling

Follow good hygiene practice.



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