



Certificate of Analysis

Product Name: Test Std, DB-1/DB-5 (Microbore/HiTemp)

Product Number: 200-0010

Lot Issue Date: 21-Feb-2023

Lot Number: 0006731449

Expiration Date: 31-Mar-2025

Description:

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration $\pm$ Uncertainty
n-decane	000124-18-5	RM18333	0.251 $\pm$ 0.001 mg/mL
n-tridecane	000629-50-5	RM13949	0.250 $\pm$ 0.001 mg/mL
1-decanol	000112-30-1	RM16384	0.251 $\pm$ 0.001 mg/mL
1-octanol	000111-87-5	RM02416	0.251 $\pm$ 0.001 mg/mL
2,6-dimethylphenol	000576-26-1	RM02150	0.251 $\pm$ 0.001 mg/mL
2,6-dimethylaniline	000087-62-7	RM00428	0.250 $\pm$ 0.001 mg/mL
naphthalene	000091-20-3	RM10445	0.251 $\pm$ 0.001 mg/mL
methyl decanoate	000110-42-9	NT00187	0.251 $\pm$ 0.001 mg/mL

Matrix: hexane

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification. ☐



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321

Page: 1 of 2

CSD-QA-015.1



ISO 17025 Cert
No. AT-1937



Certificate of Analysis

Product Number: 200-0010

Lot Number: 0006731449

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois

QMS Representative



ISO 17034 Cert
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Page: 2 of 2

CSD-QA-015.1



ISO 17025 Cert
No. AT-1937