Certificate of Analysis

Product Name: Custom Standard

Product Number: CUS-3427 **Lot Issue Date:** 10-Dec-2019

Lot Number: 0006507489 **Expiration Date:** 31-Jan-2022

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 ± Uncertainty
methanol	000067-56-1	RM13632	1005 ± 5 µg/mL
diethyl ether	000060-29-7	RM12001	1005 ± 5 µg/mL
1,1,2-trichlorotrifluoroethane	000076-13-1	RM14500	1004 ± 5 µg/mL
carbon disulfide	000075-15-0	RM08158	1005 ± 5 µg/mL
MEK	000078-93-3	RM06696	1002 ± 5 µg/mL
1,1,1-trichloroethane	000071-55-6	rm15035	1003 ± 5 µg/mL
carbon tetrachloride	000056-23-5	RM07576	1005 ± 5 µg/mL
isobutyl alcohol	000078-83-1	RM13876	1004 ± 5 µg/mL
n-butyl alcohol	000071-36-3	RM06085	1003 ± 5 µg/mL
2-ethoxyethanol	000110-80-5	RM01025	1002 ± 5 µg/mL
MIBK	000108-10-1	RM14374	1001 ± 5 µg/mL
tetrachloroethene	000127-18-4	RM06491	1004 ± 5 µg/mL
ethylbenzene	000100-41-4	RM12195	1000 ± 5 µg/mL
m-xylene	000108-38-3	RM15919	1003 ± 5 µg/mL
cyclohexanone	000108-94-1	RM10703	1002 ± 5 µg/mL
1,2-dichlorobenzene	000095-50-1	RM13636	1001 ± 5 µg/mL
nitrobenzene	000098-95-3	RM01293	1005 ± 5 µg/mL

ANAB ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER

ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

ISO 17025 Cert No. AT-1937

Certificate of Analysis

Product Number: CUS-3427 **Lot Number:** 0006507489

m-cresol	000108-39-4	RM12936	1004 ± 5 µg/mL

Matrix: tetradecane

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/NCSL 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

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.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC 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 No. AR-1936

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