

Certificate of Analysis

Product Name: Pesticide Standard 9

Product Number: AGI-P03-9

Lot Issue Date: 17-Aug-2020

Lot Number: 0006553503

Expiration Date: 31-Mar-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
pentachloronitrobenzene	000082-68-8	RM12207	100.4 ± 0.5 µg/mL
benefin	001861-40-1	RM00683	100.1 ± 0.5 µg/mL
biphenyl	000092-52-4	NT01492	100.4 ± 0.5 µg/mL
trans-chlordane	005103-74-2	RM02726	100.2 ± 0.5 µg/mL
ovex (chlorfenson)	000080-33-1	NT00512	100.4 ± 0.5 µg/mL
chlorobenzilate	000510-15-6	RM16697	100.4 ± 0.5 µg/mL
chloroneb	002675-77-6	RM00198	100.4 ± 0.5 µg/mL
desmetryne	001014-69-3	RM02763	100.0 ± 0.5 µg/mL
diphenylamine	000122-39-4	RM12958	100.5 ± 0.5 µg/mL
etridiazole	002593-15-9	RM15421	100.0 ± 0.5 µg/mL
fenpropathrin	039515-41-8	RM16597	100.3 ± 0.5 µg/mL
flucythrinate	070124-77-5	RM16254	100.4 ± 0.5 µg/mL
fluorodifon	015457-05-3	RM17029	100.4 ± 0.5 µg/mL
tau-fluvalinate	102851-06-9	RM15125	100.3 ± 0.5 µg/mL
leptophos	021609-90-5	RM03755	100.4 ± 0.5 µg/mL
methoxychlor	000072-43-5	RM14186	100.3 ± 0.5 µg/mL
atraton	001610-17-9	RM00679	100.3 ± 0.5 µg/mL

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phosalone	002310-17-0	RM16457	100.4 ± 0.5 µg/mL
fludioxonil	131341-86-1	RM15292	100.0 ± 0.5 µg/mL
tecnazene	000117-18-0	RM09213	100.4 ± 0.5 µg/mL

Matrix: acetonitrile

Storage Conditions: Store Refrigerated (2° to 8°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 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. □

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
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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www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937