

Certificate of Analysis

Product Name: Pesticide Standard 3

Product Number: AGI-P03-3

Lot Issue Date: 18-Aug-2020

Lot Number: 0006553498

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
acetochlor	034256-82-1	RM14938	100.2 ± 0.5 µg/mL
alachlor	015972-60-8	RM14112	100.4 ± 0.5 µg/mL
allethrin	000584-79-2	RM15147	100.2 ± 0.5 µg/mL
atrazine-desethyl	006190-65-4	RM14632	100.4 ± 0.5 µg/mL
bifenthrin	082657-04-3	RM15401	100.2 ± 0.5 µg/mL
chlorthiophos	060238-56-4	RM16191	100.1 ± 0.5 µg/mL
deltamethrin	052918-63-5	RM10595	100.4 ± 0.5 µg/mL
fenamidone	161326-34-7	RM16084	100.0 ± 0.5 µg/mL
fenarimol	060168-88-9	RM13668	100.3 ± 0.5 µg/mL
hexazinone	051235-04-2	RM15965	100.1 ± 0.5 µg/mL
metribuzin	021087-64-9	RM16121	100.3 ± 0.5 µg/mL
molinate	002212-67-1	RM14835	100.2 ± 0.5 µg/mL
pretilachlor	051218-49-6	RM15380	100.0 ± 0.5 µg/mL
oxyfluorfen	042874-03-3	RM03175	100.0 ± 0.5 µg/mL
pyridaben	096489-71-3	RM05236	100.1 ± 0.5 µg/mL
phorate-sulfone	002588-04-7	RM16730	100.2 ± 0.5 µg/mL
kresoxim-methyl	143390-89-0	RM09176	100.0 ± 0.5 µg/mL

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pyriproxyfen	095737-68-1	RM09178	100.2 ± 0.5 µg/mL
phorate-sulfoxide	002588-03-6	RM13759	99.6 ± 0.5 µg/mL
terbufos sulfone	056070-16-7	RM12595	100.2 ± 0.5 µg/mL
tetramethrin	007696-12-0	RM03457	100.2 ± 0.5 µg/mL
triallate	002303-17-5	RM03385	100.1 ± 0.5 µg/mL
vinclozolin	050471-44-8	RM09254	100.2 ± 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 RepresentativeISO 17034 Cert
No. AR-1936RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality
Management System. Cert # 56 100 18560026

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CSD-QA-015.1ISO 17025 Cert
No. AT-1937