

Certificate of Analysis

Product Name: Pesticide Standard 2

Product Number: AGI-P03-2

Lot Issue Date: 14-Aug-2020

Lot Number: 0006553496

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
dichlofenthion	000097-17-6	RM00208	99.9 ± 0.5 µg/mL
ditalimfos	005131-24-8	RM13865	100.0 ± 0.5 µg/mL
ethoprop	013194-48-4	RM16362	100.1 ± 0.5 µg/mL
fensulfothion	000115-90-2	rm16561	100.0 ± 0.5 µg/mL
fosthiazate	098886-44-3	RM-16929	100.2 ± 0.5 µg/mL
isofenphos-methyl	099675-03-3	RM15368	100.3 ± 0.5 µg/mL
mephosfolan	000950-10-7	RM14342	100.2 ± 0.5 µg/mL
methacrifos	062610-77-9	RM12158	100.0 ± 0.5 µg/mL
mevinphos	007786-34-7	RM16410	99.8 ± 0.5 µg/mL
methyl paraoxon	000950-35-6	RM14543	99.9 ± 0.5 µg/mL
paraoxon	000311-45-5	RM15667	99.9 ± 0.5 µg/mL
pirimiphos-methyl	029232-93-7	RM16188	99.8 ± 0.5 µg/mL
oxadiazon	019666-30-9	RM14343	100.0 ± 0.5 µg/mL
penconazole	066246-88-6	RM16889	100.0 ± 0.5 µg/mL
propetamphos	031218-83-4	RM03252	100.0 ± 0.5 µg/mL
pirimicarb	023103-98-2	RM09253	99.9 ± 0.5 µg/mL
profluralin	026399-36-0	RM03256	100.0 ± 0.5 µg/mL

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pyrazophos	013457-18-6	RM11140	100.0 ± 0.5 µg/mL
quinalphos	013593-03-8	RM09142	100.1 ± 0.5 µg/mL
sulfotepp	003689-24-5	RM15301	100.1 ± 0.5 µg/mL
terbufos	013071-79-9	RM15983	100.2 ± 0.5 µg/mL
triazophos	024017-47-8	RM15653	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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www.agilent.com/quality/
CSD-QA-015.1ISO 17025 Cert
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