

Certificate of Analysis

Product Name: Pesticide Standard 2

Product Number: AGI-P03-2

Lot Issue Date: 12-May-2023

Lot Number: 0006742771

Expiration Date: 31-Dec-2024

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	100.0 ± 0.5 µg/mL
ditalimfos	005131-24-8	RM19495	100.5 ± 0.5 µg/mL
ethoprop	013194-48-4	RM19968	100.0 ± 0.5 µg/mL
fensulfothion	000115-90-2	RM20040	100.4 ± 0.5 µg/mL
fosthiazate	098886-44-3	RM20599	100.2 ± 0.5 µg/mL
isofenphos-methyl	099675-03-3	RM18089	100.2 ± 0.5 µg/mL
mephosfolan	000950-10-7	RM17039	100.4 ± 0.5 µg/mL
methacrifos	062610-77-9	RM12158	100.2 ± 0.5 µg/mL
mevinphos	007786-34-7	RM20290	100.4 ± 0.5 µg/mL
methyl paraoxon	000950-35-6	RM20252	100.3 ± 0.5 µg/mL
paraoxon	000311-45-5	RM17935	100.4 ± 0.5 µg/mL
pirimiphos-methyl	029232-93-7	RM18370	100.0 ± 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	100.4 ± 0.5 µg/mL
pirimicarb	023103-98-2	RM17940	100.0 ± 0.5 µg/mL



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profluralin	026399-36-0	RM03256	100.3 ± 0.5 µg/mL
pyrazophos	013457-18-6	RM11140	100.2 ± 0.5 µg/mL
quinalphos	013593-03-8	RM17284	100.5 ± 0.5 µg/mL
sulfotepp	003689-24-5	RM19746	100.1 ± 0.5 µg/mL
terbufos	013071-79-9	RM20579	100.1 ± 0.5 µg/mL
triazophos	024017-47-8	RM19670	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 the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321

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CSD-QA-015.2



ISO 17025 Cert
No. AT-1937