

Certificate of Analysis

Product Name: Pesticide Standard 3

Product Number: AGI-P03-3

Lot Issue Date: 01-Sep-2022

Lot Number: 0006701615

Expiration Date: 31-Mar-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 $\pm$ Uncertainty
acetochlor	034256-82-1	RM16928	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
alachlor	015972-60-8	RM14112	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
allethrin	000584-79-2	RM15147	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
atrazine-desethyl	006190-65-4	RM19499	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
bifenthrin	082657-04-3	RM18240	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
chlorthiophos	060238-56-4	RM18456	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
deltamethrin	052918-63-5	RM16089	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
fenamidone	161326-34-7	RM16777	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
fenarimol	060168-88-9	RM13668	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
hexazinone	051235-04-2	RM19532	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
metribuzin	021087-64-9	RM18308	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
molinate	002212-67-1	RM14835	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
pretilachlor	051218-49-6	RM17231	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
oxyfluorfen	042874-03-3	RM03175	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
pyridaben	096489-71-3	RM18768	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
phorate-sulfone	002588-04-7	RM17212	100.2 $\pm$ 0.5 $\mu\text{g/mL}$

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kresoxim-methyl	143390-89-0	RM16788	100.4 ± 0.5 µg/mL
pyriproxyfen	095737-68-1	RM18457	100.3 ± 0.5 µg/mL
phorate-sulfoxide	002588-03-6	RM16631	100.4 ± 0.5 µg/mL
terbufos sulfone	056070-16-7	RM18312	100.2 ± 0.5 µg/mL
tetramethrin	007696-12-0	RM16228	100.3 ± 0.5 µg/mL
triallate	002303-17-5	RM17118	100.4 ± 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/NCCL 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.



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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ISO 17025 Cert
No. AT-1937



Certificate of Analysis

Product Number: AGI-P03-3

Lot Number: 0006701615

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
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ISO 17025 Cert
No. AT-1937