

Certificate of Analysis

Product Name: Pesticide Standard 5

Product Number: AGI-P03-5

Lot Issue Date: 03-Jan-2020

Lot Number: 0006511289

Expiration Date: 31-Aug-2020

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
propoxur	000114-26-1	RM14045	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
boscalid	188425-85-6	RM09348	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
bromophos-methyl	002104-96-3	RM02691	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
dioxathion	000078-34-2	RM15166	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
fenthion	000055-38-9	RM14291	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
dichlorvos	000062-73-7	RM09203	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
dimethoate	000060-51-5	RM09201	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
edifenphos	017109-49-8	RM10353	100.5 $\pm$ 0.5 $\mu\text{g/mL}$
acronifen	074070-46-5	RM07382	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
bupirimate	041483-43-6	RM09043	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
cypermethrin	052315-07-8	RM11368	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
fenvalerate	051630-58-1	RM09132	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
anilofos	064249-01-0	RM15785	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
bromopropylate	018181-80-1	RM11212	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
cyflufenamid	180409-60-3	RM09513	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
endosulfan I	000959-98-8	RM00834	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
endosulfan II	033213-65-9	RM02904	100.4 $\pm$ 0.5 $\mu\text{g/mL}$



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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No. AT-1937

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formothion	002540-82-1	RM14339	100.0 ± 0.5 µg/mL
isoprocarb	002631-40-5	RM11807	100.3 ± 0.5 µg/mL
isoxathion	018854-01-8	RM14620	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

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



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