

Certificate of Analysis

Product Name: Pesticide Standard 5

Product Number: AGI-P03-5

Lot Issue Date: 19-Apr-2022

Lot Number: 0006678116

Expiration Date: 30-Nov-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 $\pm$ Uncertainty
propoxur	000114-26-1	RM16246	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
boscalid	188425-85-6	RM16703	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
bromophos-methyl	002104-96-3	RM02691	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
dioxathion	000078-34-2	RM18769	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
fenthion	000055-38-9	RM16476	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
dichlorvos	000062-73-7	RM18318	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
dimethoate	000060-51-5	RM19269	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
edifenphos	017109-49-8	RM19076	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
acclonifen	074070-46-5	RM16061	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
bupirimate	041483-43-6	RM04148	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
cypermethrin	052315-07-8	RM18388	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
fenvalerate	051630-58-1	RM10549	100.0 $\pm$ 0.5 $\mu\text{g/mL}$
anilofos	064249-01-0	RM15785	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
bromopropylate	018181-80-1	RM10418	100.0 $\pm$ 0.5 $\mu\text{g/mL}$
cyflufenamid	180409-60-3	RM18417	100.0 $\pm$ 0.5 $\mu\text{g/mL}$
endosulfan I	000959-98-8	RM18398	100.2 $\pm$ 0.5 $\mu\text{g/mL}$

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endosulfan II	033213-65-9	RM18940	100.0 ± 0.5 µg/mL
formothion	002540-82-1	RM18966	100.4 ± 0.5 µg/mL
isoprocab	002631-40-5	RM18697	100.3 ± 0.5 µg/mL
isoxathion	018854-01-8	RM18258	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-015.1



ISO 17025 Cert
No. AT-1937