

Certificate of Analysis

Product Name: Pesticides Standard

Product Number: SCA-202-1

Lot Issue Date: 08-Apr-2020

Lot Number: 0006531791

Expiration Date: 31-May-2021

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
prallethrin	023031-36-9	RM12055	100.4 $\pm$ 0.5 μ g/mL
propoxur	000114-26-1	RM15457	100.4 $\pm$ 0.5 μ g/mL
pyrethrins	008003-34-7	RM12168	100.1 $\pm$ 0.5 μ g/mL
spinosad	168316-95-8	RM15747	100.1 $\pm$ 0.5 μ g/mL
spiromesifen	283594-90-1	RM15237	100.1 $\pm$ 0.5 μ g/mL
spirotetramat	203313-25-1	RM14466	100.1 $\pm$ 0.5 μ g/mL
thiacloprid	111988-49-9	RM14469	100.2 $\pm$ 0.5 μ g/mL
naled	000300-76-5	RM12651	100.2 $\pm$ 0.5 μ g/mL
oxamyl	023135-22-0	RM14790	100.1 $\pm$ 0.5 μ g/mL
paclobutrazol	076738-62-0	RM11880	100.3 $\pm$ 0.5 μ g/mL
permethrins (mixed isomers,total)	052645-53-1	RM10197	100.4 $\pm$ 0.5 μ g/mL
phosmet	000732-11-6	RM03254	100.5 $\pm$ 0.5 μ g/mL
piperonyl butoxide	000051-03-6	RM09150	100.3 $\pm$ 0.5 μ g/mL
propiconazole	060207-90-1	RM10351	100.2 $\pm$ 0.5 μ g/mL
pyridaben	096489-71-3	RM04048	100.2 $\pm$ 0.5 μ g/mL
spiroxamine	118134-30-8	RM14628	100.4 $\pm$ 0.5 μ g/mL
tebuconazole	107534-96-3	RM09149	100.4 $\pm$ 0.5 μ g/mL

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thiamethoxam	153719-23-4	RM15629	100.2 ± 0.5 µg/mL
trifloxystrobin	141517-21-7	RM15494	100.1 ± 0.5 µg/mL

Matrix: acetonitrile

Storage Conditions: Store Frozen (-25° to -10°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.

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 TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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CSD-QA-015.1



ISO 17025 Cert
No. AT-1937