

Certificate of Analysis

Product Name: FDA Pesticide Standard LC no. 4

Product Number: PSM-101-I

Lot Issue Date: 04-Aug-2020

Lot Number: 0006550752

Expiration Date: 30-Sep-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
amicarbazone	129909-90-6	RM11177	100.3 $\pm$ 0.5 μ g/mL
bromuconazole	116255-48-2	RM09984	100.2 $\pm$ 0.5 μ g/mL
butocarboxim	034681-10-2	RM10764	100.4 $\pm$ 0.5 μ g/mL
chlorotoluron	015545-48-9	RM14323	100.3 $\pm$ 0.5 μ g/mL
cumyluron	099485-76-4	RM13199	100.4 $\pm$ 0.5 μ g/mL
daimuron	042609-52-9	RM01610	100.1 $\pm$ 0.5 μ g/mL
ethiprole	181587-01-9	RM14891-01	100.4 $\pm$ 0.5 μ g/mL
ethirimol	023947-60-6	RM14139	100.2 $\pm$ 0.5 μ g/mL
fenpropimorph	067564-91-4	RM14854	100.4 $\pm$ 0.5 μ g/mL
fluoxastrobin	361377-29-9	RM15798	100.3 $\pm$ 0.5 μ g/mL
fuberidazole	003878-19-1	RM03733	100.3 $\pm$ 0.5 μ g/mL
furalaxyl	057646-30-7	RM13980	100.4 $\pm$ 0.5 μ g/mL
halofenozide	112226-61-6	RM12131	100.2 $\pm$ 0.5 μ g/mL
iprovalicarb	140923-17-7	RM15437	100.2 $\pm$ 0.5 μ g/mL
mepronil	055814-41-0	RM12824	100.4 $\pm$ 0.5 μ g/mL
methfuroxam	028730-17-8	RM10216	100.1 $\pm$ 0.5 μ g/mL
mexacarbate	000315-18-4	RM14903	100.4 $\pm$ 0.5 μ g/mL

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nitenpyram	150824-47-8	RM14686	100.3 ± 0.5 µg/mL
picoxystrobin	117428-22-5	RM07493	100.4 ± 0.5 µg/mL
spiroxamine	118134-30-8	RM14628	100.1 ± 0.5 µg/mL
zoxamide	156052-68-5	RM09337	100.4 ± 0.5 µg/mL

Matrix: acetonitrile

Storage Conditions: Store at Room Temperature (15° to 30°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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ISO 17025 Cert
No. AT-1937