

Certificate of Analysis

Product Name: FDA Pesticide Standard LC no. 2

Product Number: PSM-101-G

Lot Issue Date: 29-Jun-2020

Lot Number: 0006544767

Expiration Date: 31-Jul-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 ± Uncertainty
2,6-dichlorobenzamide	002008-58-4	RM02118	100.1 ± 0.5 µg/mL
aldicarb sulfoxide	001646-87-3	RM15002	100.4 ± 0.5 µg/mL
bendiocarb	022781-23-3	RM02829	100.4 ± 0.5 µg/mL
chlorfluazuron	071422-67-8	RM16698	100.3 ± 0.5 µg/mL
cyazofamid	120116-88-3	RM14969	100.3 ± 0.5 µg/mL
dioxacarb	006988-21-2	RM14861	100.0 ± 0.5 µg/mL
diuron	000330-54-1	RM16016	100.1 ± 0.5 µg/mL
fenazaquin	120928-09-8	RM13365	100.4 ± 0.5 µg/mL
fenpyroximate	134098-61-6	RM12975	100.1 ± 0.5 µg/mL
flubendiamide	272451-65-7	RM15440	100.2 ± 0.5 µg/mL
flufenoxuron	101463-69-8	RM14699	100.3 ± 0.5 µg/mL
mandipropamid	374726-62-2	RM14916	100.4 ± 0.5 µg/mL
metaflumizone	139968-49-3	RM14906	100.4 ± 0.5 µg/mL
paclobutrazol	076738-62-0	RM11880	100.1 ± 0.5 µg/mL
phoxim	014816-18-3	RM15487	100.4 ± 0.5 µg/mL
rotenone	000083-79-4	RM12468	100.1 ± 0.5 µg/mL
spinetoram	187166-40-1	RM15280	100.2 ± 0.5 µg/mL

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spirotetramat	203313-25-1	RM14466	100.1 ± 0.5 µg/mL
tebufenozide	112410-23-8	RM16296	100.1 ± 0.5 µg/mL
teflubenzuron	083121-18-0	RM15412	100.1 ± 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/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 TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026

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ISO 17025 Cert
No. AT-1937