

Certificate of Analysis

Product Name: LC Pesticide Standard #12

Product Number: PSM-100-X

Lot Issue Date: 19-Oct-2020

Lot Number: 0006565000

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
bioresmethrin	028434-01-7	RM13964	100.2 $\pm$ 0.5 μ g/mL
diafenthiuron	080060-09-9	RM14026	100.1 $\pm$ 0.5 μ g/mL
dodine	002439-10-3	RM09376	100.2 $\pm$ 0.5 μ g/mL
emamectin	119791-41-2	RM12132	100.3 $\pm$ 0.5 μ g/mL
epoxiconazole	133855-98-8	RM13872	100.4 $\pm$ 0.5 μ g/mL
EPTC	000759-94-4	RM02957	100.5 $\pm$ 0.5 μ g/mL
fenthion oxon	006552-12-1	RM16074	100.1 $\pm$ 0.5 μ g/mL
flamprop-m-isopropyl	063782-90-1	RM06693	100.3 $\pm$ 0.5 μ g/mL
fluopicolide	239110-15-7	RM11845	100.3 $\pm$ 0.5 μ g/mL
fluthiacet-methyl	117337-19-6	RM06913	100.3 $\pm$ 0.5 μ g/mL
fomesafen	072178-02-0	RM12732	100.4 $\pm$ 0.5 μ g/mL
icaridin	119515-38-7	RM01523	100.1 $\pm$ 0.5 μ g/mL
MPP oxon sulfone	014086-35-2	RM01622	100.4 $\pm$ 0.5 μ g/mL
pethoxamid	106700-29-2	RM10135	100.2 $\pm$ 0.5 μ g/mL
profoxydim-lithium	281664-76-4	RM13991	100.2 $\pm$ 0.5 μ g/mL
pyraclostrobin	175013-18-0	RM16209	100.3 $\pm$ 0.5 μ g/mL
quinmerac	090717-03-6	RM17249	100.1 $\pm$ 0.5 μ g/mL

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sulcotrione	099105-77-8	RM09272	100.3 ± 0.5 µg/mL
terbacil	005902-51-2	RM03373	100.3 ± 0.5 µg/mL
tribenuron-methyl (technical)	101200-48-0	RM04938	100.3 ± 0.5 µg/mL
uniconazole	083657-22-1	RM16756	100.3 ± 0.5 µg/mL

Matrix: acetonitrile

Storage Conditions: Store Refrigerated (2° - 8°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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www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937