

Certificate of Analysis

Product Name: LC Pesticide Standard #3

Product Number: PSM-100-0

Lot Number: 0006564994

Lot Issue Date: 19-Oct-2020

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 ± Uncertainty
amitraz	033089-61-1	RM09278	100.4 ± 0.5 µg/mL
bromuconazole	116255-48-2	RM14714	100.4 ± 0.5 µg/mL
cyproconazole	094361-06-5	RM09114	100.0 ± 0.5 µg/mL
demeton-s-methyl	000919-86-8	RM17147	100.4 ± 0.5 µg/mL
demeton-S-methyl sulfone	017040-19-6	RM13187	100.1 ± 0.5 µg/mL
difenoconazole	119446-68-3	RM07085	100.1 ± 0.5 µg/mL
diniconazole	083657-24-3	RM17073	100.0 ± 0.5 µg/mL
disulfoton	000298-04-4	RM17226	100.4 ± 0.5 µg/mL
disulfoton-sulfoxide	002497-07-6	RM16894	100.3 ± 0.5 µg/mL
etaconazole	060207-93-4	RM02956	100.3 ± 0.5 µg/mL
fenbuconazole	114369-43-6	RM16227	100.4 ± 0.5 µg/mL
fenthion	000055-38-9	RM16476	100.1 ± 0.5 µg/mL
fenthion-sulfoxide	003761-41-9	RM14160	100.4 ± 0.5 µg/mL
fluquinconazole	136426-54-5	RM15323	100.1 ± 0.5 µg/mL
hexaconazole	079983-71-4	RM16570	100.1 ± 0.5 µg/mL
imibenconazole	086598-92-7	RM12424	100.4 ± 0.5 µg/mL
metconazole	125116-23-6	RM12156	100.4 ± 0.5 µg/mL

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oxydemeton methyl	000301-12-2	RM17307	100.0 ± 0.5 µg/mL
prothioconazol	178928-70-6	RM17190	100.0 ± 0.5 µg/mL
tebuconazole	107534-96-3	RM16409	100.1 ± 0.5 µg/mL
tetraconazole	112281-77-3	RM17432	100.1 ± 0.5 µg/mL
triticonazole	131983-72-7	RM14814	100.4 ± 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 RepresentativeISO 17034 Cert
No. AR-1936RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality
Management System. Cert # 56 100 18560026

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CSD-QA-015.1ISO 17025 Cert
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