

Certificate of Analysis

Product Name: LC Pesticide Standard no. 3

Product Number: PSM-105-E

Lot Issue Date: 02-Jul-2020

Lot Number: 0006544782

Expiration Date: 31-Aug-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
benfuresate	068505-69-1	RM13056	50.1 $\pm$ 0.3 μ g/mL
cafenstrole	125306-83-4	RM10041	50.1 $\pm$ 0.3 μ g/mL
carpropamid	104030-54-8	RM16073	50.1 $\pm$ 0.3 μ g/mL
cyclosulfamuron	136849-15-5	RM11781	50.1 $\pm$ 0.3 μ g/mL
daimuron	042609-52-9	RM12224	50.1 $\pm$ 0.3 μ g/mL
diafenthiuron	080060-09-9	RM14026	50.1 $\pm$ 0.3 μ g/mL
dimepiperate	061432-55-1	RM10156	50.0 $\pm$ 0.3 μ g/mL
dimethametrin	022936-75-0	RM14678	50.0 $\pm$ 0.3 μ g/mL
dithiopyr	097886-45-8	RM12265	50.0 $\pm$ 0.3 μ g/mL
esprocarb	085785-20-2	RM10429	50.1 $\pm$ 0.3 μ g/mL
fenoxanil	115852-48-7	RM13867	50.0 $\pm$ 0.3 μ g/mL
fentrazamide	158237-07-1	RM08233	50.0 $\pm$ 0.3 μ g/mL
fluopicolide	239110-15-7	RM11845	50.1 $\pm$ 0.3 μ g/mL
forchlorfenuron	068157-60-8	RM14176	50.1 $\pm$ 0.3 μ g/mL
gibberellic acid	000077-06-5	RM10362	50.1 $\pm$ 0.3 μ g/mL
isopyrazam	881685-58-1	RM11637	50.1 $\pm$ 0.3 μ g/mL
metamifop	256412-89-2	RM12370	50.1 $\pm$ 0.3 μ g/mL

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pentoxazone	110956-75-7	RM07133	50.0 ± 0.3 µg/mL
pyraclofos	089784-60-1	RM10482	50.1 ± 0.3 µg/mL
pyraclostrobin	175013-18-0	RM16209	50.1 ± 0.3 µg/mL
pyribenzoxim	168088-61-7	RM09868	50.0 ± 0.3 µg/mL
pyributicarb	088678-67-5	RM05524	50.0 ± 0.3 µg/mL
pyriftalid	135186-78-6	RM09500	50.0 ± 0.3 µg/mL
quinmerac	090717-03-6	RM10603	50.1 ± 0.3 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/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 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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No. AT-1937