

Certificate of Analysis

Product Name: LC Pesticide Standard #2

Product Number: PSM-100-N

Lot Issue Date: 03-Aug-2020

Lot Number: 0006550757

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
acetamiprid	135410-20-7	RM15438	100.4 $\pm$ 0.5 μ g/mL
aldicarb	000116-06-3	rm16389-01	100.3 $\pm$ 0.5 μ g/mL
aldicarb sulfone	001646-88-4	RM15172	100.1 $\pm$ 0.5 μ g/mL
aldicarb sulfoxide	001646-87-3	RM15002	100.4 $\pm$ 0.5 μ g/mL
azoxystrobin	131860-33-8	RM15985	100.4 $\pm$ 0.5 μ g/mL
boscalid	188425-85-6	RM09348	100.4 $\pm$ 0.5 μ g/mL
carbendazim	010605-21-7	RM02697	100.3 $\pm$ 0.5 μ g/mL
chlorantraniliprole	500008-45-7	RM14473	100.2 $\pm$ 0.5 μ g/mL
fenoxycarb	072490-01-8	RM14810	100.2 $\pm$ 0.5 μ g/mL
flusilazole	085509-19-9	RM13159	100.2 $\pm$ 0.5 μ g/mL
imazalil	035554-44-0	RM15635	100.1 $\pm$ 0.5 μ g/mL
imidacloprid	138261-41-3	RM16881	100.2 $\pm$ 0.5 μ g/mL
indoxacarb	173584-44-6	RM14665	100.4 $\pm$ 0.5 μ g/mL
lenacil	002164-08-1	RM15405	100.3 $\pm$ 0.5 μ g/mL
pirimicarb	023103-98-2	RM09253	100.1 $\pm$ 0.5 μ g/mL
pirimicarb-desmethyl	030614-22-3	RM15398	100.4 $\pm$ 0.5 μ g/mL
pirimicarb-desmethyl-formamido	027218-04-8	RM15208-02	100.3 $\pm$ 0.5 μ g/mL

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propamocarb	024579-73-5	RM15960	100.2 ± 0.5 µg/mL
tebufenpyrad	119168-77-3	RM11892	100.2 ± 0.5 µg/mL
thiacloprid	111988-49-9	RM14388	100.2 ± 0.5 µg/mL
trifloxystrobin	141517-21-7	RM15494	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 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