

Certificate of Analysis

Product Name: LC Pesticide Standard no. 2

Product Number: PSM-105-D

Lot Issue Date: 20-Jul-2020

Lot Number: 0006544781

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 ± Uncertainty
aldicarb	000116-06-3	rm16389-01	50.2 ± 0.3 µg/mL
azoxystrobin	131860-33-8	RM15985	50.1 ± 0.3 µg/mL
carboxin	005234-68-4	RM03662	50.2 ± 0.3 µg/mL
carfentrazone-ethyl	128639-02-1	RM12779	50.2 ± 0.3 µg/mL
clofentezine	074115-24-5	RM14474	50.2 ± 0.3 µg/mL
clothianidin	210880-92-5	RM10326	50.0 ± 0.3 µg/mL
fenazaquin	120928-09-8	RM13365	50.1 ± 0.3 µg/mL
flufenacet	142459-58-3	RM13363	50.0 ± 0.3 µg/mL
flusilazole	085509-19-9	RM16702	50.1 ± 0.3 µg/mL
flutolanil	066332-96-5	RM11554	50.2 ± 0.3 µg/mL
imidacloprid	138261-41-3	RM16143	50.1 ± 0.3 µg/mL
mepanipyrim	110235-47-7	RM14488	50.1 ± 0.3 µg/mL
mepronil	055814-41-0	RM12824	50.0 ± 0.3 µg/mL
metalaxyl	057837-19-1	RM09240	50.2 ± 0.3 µg/mL
methomyl	016752-77-5	RM16198	50.2 ± 0.3 µg/mL
oxadixyl	077732-09-3	RM15431	50.0 ± 0.3 µg/mL
oxamyl	023135-22-0	RM14790	50.1 ± 0.3 µg/mL

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paclobutrazol	076738-62-0	RM13366	50.2 ± 0.3 µg/mL
penconazole	066246-88-6	RM16889	50.2 ± 0.3 µg/mL
pirimicarb	023103-98-2	RM09253	50.2 ± 0.3 µg/mL
prochloraz	067747-09-5	RM07146	50.2 ± 0.3 µg/mL
propamocarb	024579-73-5	RM15960	50.2 ± 0.3 µg/mL
propoxur	000114-26-1	RM16246	50.0 ± 0.3 µg/mL
pymetrozine	123312-89-0	RM12151	50.0 ± 0.3 µg/mL
pyrimethanil	053112-28-0	RM15500	50.2 ± 0.3 µg/mL
tebufenpyrad	119168-77-3	RM09291	50.2 ± 0.3 µg/mL
thiophanate methyl	023564-05-8	NT01884	50.0 ± 0.3 µg/mL
triadimefon	043121-43-3	RM14288	50.2 ± 0.3 µg/mL
trifloxystrobin	141517-21-7	RM15494	50.0 ± 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/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.

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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