

Certificate of Analysis

Product Name: LC Pesticide Standard no. 4

Product Number: PSM-105-F

Lot Issue Date: 15-Jul-2020

Lot Number: 0006544783

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
(E)-pyriminobac-methyl	147411-69-6	RM07140	50.1 $\pm$ 0.3 μ g/mL
abamectin	071751-41-2	RM16771	50.1 $\pm$ 0.3 μ g/mL
acibenzolar-s-methyl	135158-54-2	RM14025	50.0 $\pm$ 0.3 μ g/mL
benzoximate	029104-30-1	RM14754	50.0 $\pm$ 0.3 μ g/mL
bifenazate	149877-41-8	RM16270	50.1 $\pm$ 0.3 μ g/mL
chromafenozide	143807-66-3	RM09846	50.2 $\pm$ 0.3 μ g/mL
cyhalofop-butyl	122008-85-9	RM13912	50.1 $\pm$ 0.3 μ g/mL
cyromazine	066215-27-8	RM15435	50.0 $\pm$ 0.3 μ g/mL
diphenamid	000957-51-7	RM14708	50.0 $\pm$ 0.3 μ g/mL
fenarimol	060168-88-9	RM13668	50.1 $\pm$ 0.3 μ g/mL
flumioxazin	103361-09-7	RM13092	50.0 $\pm$ 0.3 μ g/mL
furathiocarb	065907-30-4	RM13653	50.2 $\pm$ 0.3 μ g/mL
hexazinone	051235-04-2	RM15965	50.0 $\pm$ 0.3 μ g/mL
isoprothiolane	050512-35-1	RM14282	50.1 $\pm$ 0.3 μ g/mL
kresoxim-methyl	143390-89-0	RM09176	50.1 $\pm$ 0.3 μ g/mL
mefenacet	073250-68-7	RM14690	50.1 $\pm$ 0.3 μ g/mL
metrafenone	220899-03-6	RM09456	50.1 $\pm$ 0.3 μ g/mL

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napropamide	015299-99-7	RM15400	50.1 ± 0.3 µg/mL
nuarimol	063284-71-9	RM14892	50.2 ± 0.3 µg/mL
oxadiazon	019666-30-9	RM14343	50.1 ± 0.3 µg/mL
pyridaben	096489-71-3	RM05236	50.2 ± 0.3 µg/mL
pyrimidifen	105779-78-0	RM13967	50.2 ± 0.3 µg/mL
pyrimisulfan	221205-90-9	RM07465	50.1 ± 0.3 µg/mL
pyroquilon	057369-32-1	RM09734	50.1 ± 0.3 µg/mL
tebufenozide	112410-23-8	RM16296	50.1 ± 0.3 µg/mL
terbuthylazine	005915-41-3	RM09282	50.2 ± 0.3 µg/mL
thenylchlor	096491-05-3	RM10474	50.1 ± 0.3 µg/mL
thiabendazole	000148-79-8	RM09257	50.0 ± 0.3 µg/mL
tricyclazole	041814-78-2	rm16318	50.1 ± 0.3 µg/mL
triflumizole	068694-11-1	RM16710	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/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. □

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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

Page: 3 of 3

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ISO 17025 Cert
No. AT-1937