

Certificate of Analysis

Product Name: FDA Pesticide Standard GC/LC no. 4

Product Number: PSM-101-0

Lot Issue Date: 01-Jul-2020

Lot Number: 0006544583

Expiration Date: 31-Aug-2021

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
ametryn	000834-12-8	RM16462	100.0 $\pm$ 0.5 μ g/mL
benalaxyl	071626-11-4	RM14262	100.3 $\pm$ 0.5 μ g/mL
bupirimate	041483-43-6	RM09043	100.4 $\pm$ 0.5 μ g/mL
chlorfenvinphos	000470-90-6	RM09164	100.2 $\pm$ 0.5 μ g/mL
diniconazole	083657-24-3	RM14275	100.4 $\pm$ 0.5 μ g/mL
epoxiconazole	133855-98-8	RM13872	100.0 $\pm$ 0.5 μ g/mL
famoxadone	131807-57-3	RM09148	100.3 $\pm$ 0.5 μ g/mL
fenhexamid	126833-17-8	RM15391	100.1 $\pm$ 0.5 μ g/mL
isocarbamid	030979-48-7	RM02655	100.1 $\pm$ 0.5 μ g/mL
isoprocarb	002631-40-5	RM11807	100.1 $\pm$ 0.5 μ g/mL
isoprothiolane	050512-35-1	RM14282	100.0 $\pm$ 0.5 μ g/mL
linuron	000330-55-2	RM15558	100.3 $\pm$ 0.5 μ g/mL
mepanipyrim	110235-47-7	RM14488	100.3 $\pm$ 0.5 μ g/mL
metribuzin	021087-64-9	RM16121	100.3 $\pm$ 0.5 μ g/mL
propargite	002312-35-8	RM16332	100.4 $\pm$ 0.5 μ g/mL
pyridaben	096489-71-3	RM04048	100.2 $\pm$ 0.5 μ g/mL
spiromesifen	283594-90-1	RM15237	100.4 $\pm$ 0.5 μ g/mL

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tetraconazole	112281-77-3	RM09177	100.4 ± 0.5 µg/mL
trifloxystrobin	141517-21-7	RM15494	100.3 ± 0.5 µg/mL

Matrix: acetonitrile

Storage Conditions: Store at Room Temperature (15° to 30°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