

Certificate of Analysis

Product Name: LC/MS Pesticide Standard #6

Product Number: 5190-0551-6

Lot Issue Date: 11-May-2020

Lot Number: 0006536315

Expiration Date: 30-Jun-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
carbaryl	000063-25-2	RM15786	100.1 $\pm$ 0.5 μ g/mL
trichlorfon	000052-68-6	RM15210	100.1 $\pm$ 0.5 μ g/mL
propoxur	000114-26-1	RM16246	100.2 $\pm$ 0.5 μ g/mL
trietazine	001912-26-1	RM03941	100.1 $\pm$ 0.5 μ g/mL
2,3,5-trimethacarb	002655-15-4	RM15235-01	100.2 $\pm$ 0.5 μ g/mL
carbosulfan	055285-14-8	RM13585	100.1 $\pm$ 0.5 μ g/mL
diethofencarb	087130-20-9	RM09135	100.2 $\pm$ 0.5 μ g/mL
fenoxy carb	072490-01-8	RM14810	100.3 $\pm$ 0.5 μ g/mL
furathiocarb	065907-30-4	RM13653	100.1 $\pm$ 0.5 μ g/mL
pencycuron	066063-05-6	RM13220	100.1 $\pm$ 0.5 μ g/mL
pyrimethanil	053112-28-0	RM15500	100.1 $\pm$ 0.5 μ g/mL
triadimenol	055219-65-3	RM03453	100.1 $\pm$ 0.5 μ g/mL
flonicamid	158062-67-0	RM15236	100.2 $\pm$ 0.5 μ g/mL
flumioxazin	103361-09-7	RM13092	100.1 $\pm$ 0.5 μ g/mL
spiromesifen	283594-90-1	RM15237	100.1 $\pm$ 0.5 μ g/mL
spirotetramat	203313-25-1	RM14466	100.1 $\pm$ 0.5 μ g/mL
sulfentrazone	122836-35-5	RM13708	100.1 $\pm$ 0.5 μ g/mL

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zoxamide	156052-68-5	RM06946	100.0 ± 0.5 µg/mL
omethoate	001113-02-6	RM16175	100.2 ± 0.5 µg/mL
mesosulfuron-methyl	208465-21-8	RM03233	100.3 ± 0.5 µg/mL
phosmet	000732-11-6	RM03253	100.2 ± 0.5 µg/mL

Matrix: acetonitrile

Storage Conditions: Store Frozen (-25° to -10°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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www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937