

Certificate of Analysis

Product Name: LC/MS Pesticide Standard #1

Product Number: 5190-0551-1

Lot Issue Date: 02-Nov-2022

Lot Number: 0006711854

Expiration Date: 31-Dec-2023

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
guthion	000086-50-0	RM18846	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
disulfoton	000298-04-4	RM18044	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
azinphos-ethyl	002642-71-9	RM16989	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
cycloate	001134-23-2	RM16258	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
azaconazole	060207-31-0	RM14831	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
buprofezin	069327-76-0	RM16728	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
cymiazole	061676-87-7	RM15269	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
diflufenican	083164-33-4	RM09143	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
dimethachlor	050563-36-5	RM16267	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
fenamiphos	022224-92-6	RM03736	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
fosthiazate	098886-44-3	RM19171	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
isofenphos-methyl	099675-03-3	RM18089	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
isoprothiolane	050512-35-1	RM16879	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
methamidophos	010265-92-6	RM19266	100.5 $\pm$ 0.5 $\mu\text{g/mL}$
myclobutanil	088671-89-0	RM20197	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
prochloraz	067747-09-5	RM09124	100.4 $\pm$ 0.5 $\mu\text{g/mL}$

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tralkoxydim	087820-88-0	RM16622	100.4 ± 0.5 µg/mL
dimoxystrobin	149961-52-4	RM13935	100.4 ± 0.5 µg/mL
flufenacet	142459-58-3	RM13363	100.2 ± 0.5 µg/mL
fluopicolide	239110-15-7	RM16763	100.3 ± 0.5 µg/mL
proquinazid	189278-12-4	RM15233	100.3 ± 0.5 µg/mL
spirodiclofen	148477-71-8	RM17062	100.4 ± 0.5 µg/mL
spiroxamine	118134-30-8	RM14628	100.4 ± 0.5 µg/mL
lenacil	002164-08-1	RM15405	100.2 ± 0.5 µg/mL
acephate	030560-19-1	RM17923	100.4 ± 0.5 µg/mL
cyproconazole	094361-06-5	RM09114	100.4 ± 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.



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321

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ISO 17025 Cert
No. AT-1937



Certificate of Analysis

Product Number: 5190-0551-1

Lot Number: 0006711854

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
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ISO 17025 Cert
No. AT-1937