

Certificate of Analysis

Product Name: Oregon Pesticides Standard 2

Product Number: SOR-105-1

Lot Issue Date: 25-Mar-2020

Lot Number: 0006517924

Expiration Date: 30-Apr-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
dimethoate	000060-51-5	RM16271	100.4 $\pm$ 0.5 μ g/mL
ethofenprox	080844-07-1	RM13817	100.4 $\pm$ 0.5 μ g/mL
ethoprosfos	013194-48-4	RM09236	100.4 $\pm$ 0.5 μ g/mL
etoxazol	153233-91-1	RM15370	100.4 $\pm$ 0.5 μ g/mL
fenoxycarb	072490-01-8	RM14810	100.2 $\pm$ 0.5 μ g/mL
fenpyroximate	134098-61-6	RM12975	100.1 $\pm$ 0.5 μ g/mL
fipronil	120068-37-3	RM14818	100.1 $\pm$ 0.5 μ g/mL
flonicamid	158062-67-0	RM15236	100.1 $\pm$ 0.5 μ g/mL
fludioxonil	131341-86-1	RM15292	100.1 $\pm$ 0.5 μ g/mL
hexythiazox	078587-05-0	RM12032	100.1 $\pm$ 0.5 μ g/mL
imazalil	035554-44-0	RM15635	100.1 $\pm$ 0.5 μ g/mL
imidacloprid	138261-41-3	RM09296	100.3 $\pm$ 0.5 μ g/mL
kresoxim-methyl	143390-89-0	RM09176	100.1 $\pm$ 0.5 μ g/mL
malathion	000121-75-5	RM12832	100.4 $\pm$ 0.5 μ g/mL
metalaxyl	057837-19-1	RM09240	100.2 $\pm$ 0.5 μ g/mL
methiocarb	002032-65-7	RM15634	100.4 $\pm$ 0.5 μ g/mL
methomyl	016752-77-5	RM16198	100.2 $\pm$ 0.5 μ g/mL

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methyl parathion	000298-00-0	RM15765	100.4 ± 0.5 µg/mL
MGK-264 (mixed, total)	000113-48-4	RM03143	100.5 ± 0.5 µg/mL
myclobutanil	088671-89-0	RM16045	100.1 ± 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/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. □

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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CSD-QA-015.1



ISO 17025 Cert
No. AT-1937