

Certificate of Analysis

Product Name: Pesticide Analyzer Checkout Solution

Product Number: 5190-0468-1

Lot Issue Date: 11-Feb-2020

Lot Number: 0006518843

Expiration Date: 31-Mar-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
dichlorvos	000062-73-7	RM09203	10.0 $\pm$ 0.1 μ g/mL
mevinphos	007786-34-7	RM15527	10.0 $\pm$ 0.1 μ g/mL
ethalfuralin	055283-68-6	RM11766	10.0 $\pm$ 0.1 μ g/mL
trifluralin	001582-09-8	RM09256	10.0 $\pm$ 0.1 μ g/mL
atrazine	001912-24-9	RM13804	10.0 $\pm$ 0.1 μ g/mL
lindane	000058-89-9	RM02694	10.0 $\pm$ 0.1 μ g/mL
chlorpyrifos-methyl	005598-13-0	RM14476	10.0 $\pm$ 0.1 μ g/mL
heptachlor	000076-44-8	RM03111	10.0 $\pm$ 0.1 μ g/mL
malathion	000121-75-5	RM12832	10.0 $\pm$ 0.1 μ g/mL
chlorpyrifos	002921-88-2	RM14246	10.0 $\pm$ 0.1 μ g/mL
dieldrin	000060-57-1	RM15334	10.0 $\pm$ 0.1 μ g/mL
4,4'-DDE	000072-55-9	RM02892	10.0 $\pm$ 0.1 μ g/mL
hexazinone	051235-04-2	RM14990	10.0 $\pm$ 0.1 μ g/mL
propargite	002312-35-8	RM15406	10.0 $\pm$ 0.1 μ g/mL
leptophos	021609-90-5	RM03755	10.0 $\pm$ 0.1 μ g/mL
mirex	002385-85-5	RM13840	10.0 $\pm$ 0.1 μ g/mL
fenarimol	060168-88-9	RM07334	10.0 $\pm$ 0.1 μ g/mL

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coumaphos	000056-72-4	RM12738	10.0 ± 0.1 µg/mL
ethofenprox	080844-07-1	RM13817	10.0 ± 0.1 µg/mL
deltamethrin	052918-63-5	RM09138	10.0 ± 0.1 µg/mL

Matrix: acetone**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 RepresentativeISO 17034 Cert No.
AR-1936RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality
Management System. Cert # 56 100 18560026

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CSD-QA-015.1ISO 17025 Cert
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