

Certificate of Analysis

Product Name: Pesticide Standard

Product Number: SNV-100-1

Lot Issue Date: 17-Apr-2020

Lot Number: 0006531793

Expiration Date: 31-May-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
abamectin	071751-41-2	RM13595	100.1 $\pm$ 0.5 mg/L
acequinocyl	057960-19-7	RM11787	99.9 $\pm$ 0.5 mg/L
cyfluthrin	068359-37-5	RM09294	100.2 $\pm$ 0.5 mg/L
bifenazate	149877-41-8	RM14386	100.2 $\pm$ 0.5 mg/L
bifenthrin	082657-04-3	RM15401	100.1 $\pm$ 0.5 mg/L
captan	000133-06-2	RM02848	100.2 $\pm$ 0.5 mg/L
cypermethrin	052315-07-8	RM07225	99.9 $\pm$ 0.5 mg/L
dimethomorph	110488-70-5	RM14353	99.9 $\pm$ 0.5 mg/L
etoxazol	153233-91-1	RM15370	100.3 $\pm$ 0.5 mg/L
fenhexamid	126833-17-8	RM15391	100.0 $\pm$ 0.5 mg/L
flonicamid	158062-67-0	RM15236	100.2 $\pm$ 0.5 mg/L
fludioxonil	131341-86-1	RM15292	100.2 $\pm$ 0.5 mg/L
imidacloprid	138261-41-3	RM11647	100.2 $\pm$ 0.5 mg/L
pentachloronitrobenzene	000082-68-8	RM12207	100.2 $\pm$ 0.5 mg/L
piperonyl butoxide	000051-03-6	RM09150	100.2 $\pm$ 0.5 mg/L
pyrethrins	008003-34-7	RM12168	100.2 $\pm$ 0.5 mg/L
spinetoram	187166-40-1	RM14011	100.1 $\pm$ 0.5 mg/L

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spinosad	168316-95-8	RM15747	100.2 ± 0.5 mg/L
spirotetramat	203313-25-1	RM14466	100.1 ± 0.5 mg/L
myclobutanil	088671-89-0	RM16045	100.2 ± 0.5 mg/L
thiamethoxam	153719-23-4	RM15629	100.3 ± 0.5 mg/L
trifloxystrobin	141517-21-7	RM15494	100.0 ± 0.5 mg/L

Matrix: isopropanol (isopropyl alcohol)**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 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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