

Certificate of Analysis

Product Name: Oregon Cannabis Pesticide Mix 1

Product Number: PST-CBS-OR1

Lot Issue Date: 16-Nov-2020

Lot Number: 0006569789

Expiration Date: 31-Dec-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	RM16771	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
acephate	030560-19-1	RM16546	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
acequinocyl	057960-19-7	RM11787	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
acetamiprid	135410-20-7	RM15438	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
aldicarb	000116-06-3	RM16389-01	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
azoxystrobin	131860-33-8	RM17055	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
bifenazate	149877-41-8	RM16939	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
bifenthrin	082657-04-3	RM15401	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
boscalid	188425-85-6	RM16703	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
carbaryl	000063-25-2	RM16704	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
carbofuran	001563-66-2	RM17145	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
chlorantraniliprole	500008-45-7	RM17485	100.5 $\pm$ 0.5 $\mu\text{g/mL}$
chlorfenapyr	122453-73-0	RM17164	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
chlorpyrifos	002921-88-2	RM16990	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
clofentezine	074115-24-5	RM17287	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
cyfluthrin	068359-37-5	RM09294	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
cypermethrin	052315-07-8	RM07225	100.4 $\pm$ 0.5 $\mu\text{g/mL}$

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daminozide	001596-84-5	RM12081	100.4 ± 0.5 µg/mL
diazinon	000333-41-5	RM16925	100.2 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM16085	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/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