

Certificate of Analysis

Product Name: CA Cannabis Pesticide Mix 1

Product Number: PST-CBS-CA1

Lot Issue Date: 05-Nov-2020

Lot Number: 0006569781

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
aldicarb	000116-06-3	RM16389-01	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
carbofuran	001563-66-2	RM12282	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
chlordan (technical grade)	000057-74-9	RM03668	100.4 $\pm$ 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	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
coumaphos	000056-72-4	RM15456	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
daminozide	001596-84-5	RM12081	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
dichlorvos	000062-73-7	RM16953	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
dimethoate	000060-51-5	RM16271	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
ethoprosfos	013194-48-4	RM17088	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
etofenprox	080844-07-1	RM16887	100.5 $\pm$ 0.5 $\mu\text{g/mL}$
fenoxycarb	072490-01-8	RM14810	100.5 $\pm$ 0.5 $\mu\text{g/mL}$
fipronil	120068-37-3	RM15604	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
imazalil	035554-44-0	RM15635	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
methiocarb	002032-65-7	RM16358	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
methyl parathion	000298-00-0	RM16643	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
mevinphos	007786-34-7	RM17203	100.4 $\pm$ 0.5 $\mu\text{g/mL}$

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paclobutrazol	076738-62-0	RM16797	100.2 ± 0.5 µg/mL
propoxur	000114-26-1	RM16246	100.1 ± 0.5 µg/mL
spiroxamine	118134-30-8	RM14628	100.4 ± 0.5 µg/mL
thiacloprid	111988-49-9	RM14388	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/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 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

Page: 2 of 2

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CSD-QA-015.1



ISO 17025 Cert
No. AT-1937