

Certificate of Analysis

Product Name: CA Cannabis Pesticide Mix 4

Product Number: PST-CBS-CA4

Lot Issue Date: 13-Mar-2023

Lot Number: 0006732790

Expiration Date: 30-Apr-2024

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
allethrin	000584-79-2	RM15147	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
azadirachtin	011141-17-6	RM18429	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
benzovindiflupyr	1072957-71-1	RM20181	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
buprofezin	069327-76-0	RM16728	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
clothianidin	210880-92-5	RM18199	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
cyantraniliprole	736994-63-1	RM17196	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
cyprodinil	121552-61-2	RM10427	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
deltamethrin	052918-63-5	RM16089	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
dinotefuran	165252-70-0	RM19114	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
dodemorph	001593-77-7	RM13398	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
endosulfan I	000959-98-8	RM20883	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
endosulfan II	033213-65-9	RM18940	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
endosulfan sulfate	001031-07-8	RM20849	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
etridiazole	002593-15-9	RM18158	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
fensulfothion	000115-90-2	RM20040	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
fenthion	000055-38-9	RM16476	100.3 $\pm$ 0.5 $\mu\text{g/mL}$



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fenvalerate	051630-58-1	RM01397	100.4 ± 0.5 µg/mL
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fluopyram	658066-35-4	RM14795	100.4 ± 0.5 µg/mL
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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 the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321

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CSD-QA-015.1



ISO 17025 Cert
No. AT-1937