



Certificate of Analysis

Product Name: CA Cannabis Pesticide Mix 3

Product Number: PST-CBS-CA3

Lot Issue Date: 13-Mar-2023

Lot Number: 0006732789

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
hexythiazox	078587-05-0	RM19016	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
imidacloprid	138261-41-3	RM19464	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
kresoxim-methyl	143390-89-0	RM18114	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
malathion	000121-75-5	RM19727	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
metalaxyl	057837-19-1	RM18358	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
methomyl	016752-77-5	RM20198	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
myclobutanil	088671-89-0	RM20197	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
naled	000300-76-5	RM16550	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
oxamyl	023135-22-0	RM18221	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
pentachloronitrobenzene	000082-68-8	RM12207	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
permethrins (mixed isomers,total)	052645-53-1	RM18934	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
phosmet	000732-11-6	RM03255	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
piperonyl butoxide	000051-03-6	RM19228	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
prallethrin	023031-36-9	RM18276	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
propiconazole	060207-90-1	RM17177	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
pyrethrins (tech grade, corrected)	008003-34-7	RM19193	100.4 $\pm$ 0.5 $\mu\text{g/mL}$



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
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ISO 17025 Cert
No. AT-1937

Certificate of Analysis

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pyridaben	096489-71-3	RM18768	100.4 ± 0.5 µg/mL
spinetoram	187166-40-1	RM18454	100.2 ± 0.5 µg/mL
spinosad	168316-95-8	RM18945	100.4 ± 0.5 µg/mL
spiromesifen	283594-90-1	RM18833	100.4 ± 0.5 µg/mL
spirotramat	203313-25-1	RM17974	100.4 ± 0.5 µg/mL
tebuconazole	107534-96-3	RM18300	100.4 ± 0.5 µg/mL
thiamethoxam	153719-23-4	RM14789	100.4 ± 0.5 µg/mL
trifloxystrobin	141517-21-7	RM18295	100.2 ± 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.

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Certificate of Analysis

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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



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