

Certificate of Analysis

Product Name: Pesticide Standard 7

Product Number: AGI-P03-7

Lot Issue Date: 01-Sep-2022

Lot Number: 0006701619

Expiration Date: 31-Mar-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 ± Uncertainty
ametryn	000834-12-8	RM18570	100.1 ± 0.5 µg/mL
atrazine	001912-24-9	RM17497	100.1 ± 0.5 µg/mL
azinphos-ethyl	002642-71-9	RM16989	100.2 ± 0.5 µg/mL
chlorpropham	000101-21-3	RM03671	100.3 ± 0.5 µg/mL
chlorpyrifos	002921-88-2	RM19801	100.4 ± 0.5 µg/mL
coumaphos	000056-72-4	RM20148	100.3 ± 0.5 µg/mL
cyfluthrin	068359-37-5	RM18189	100.1 ± 0.5 µg/mL
lambda-cyhalothrin	091465-08-6	RM18687	100.3 ± 0.5 µg/mL
cyproconazole	094361-06-5	RM09114	100.4 ± 0.5 µg/mL
cyprodinil	121552-61-2	RM10427	100.2 ± 0.5 µg/mL
difenoconazole	119446-68-3	RM18288	100.2 ± 0.5 µg/mL
diniconazole	083657-24-3	RM17073	100.3 ± 0.5 µg/mL
dipropetryn	004147-51-7	RM10871	100.2 ± 0.5 µg/mL
fenbuconazole	114369-43-6	RM15441	100.3 ± 0.5 µg/mL
fipronil	120068-37-3	RM18462	100.0 ± 0.5 µg/mL
fluquinconazole	136426-54-5	RM15323	100.1 ± 0.5 µg/mL



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hexaconazole	079983-71-4	RM16570	100.1 ± 0.5 µg/mL
iprodione	036734-19-7	RM19109	100.1 ± 0.5 µg/mL
monolinuron	001746-81-2	RM09242	100.3 ± 0.5 µg/mL
prometryn	007287-19-6	RM19460	100.0 ± 0.5 µg/mL
propiconazole	060207-90-1	RM17177	100.1 ± 0.5 µg/mL
simazine	000122-34-9	RM00622	100.2 ± 0.5 µg/mL
pentachloroaniline	000527-20-8	RM15381	100.2 ± 0.5 µg/mL
terbutryn(e)	000886-50-0	RM16747	100.3 ± 0.5 µg/mL
profenophos	041198-08-7	RM18324	100.2 ± 0.5 µg/mL
tetraconazole	112281-77-3	RM17523	100.2 ± 0.5 µg/mL
pyrimethanil	053112-28-0	RM18632	100.2 ± 0.5 µg/mL

Matrix: acetonitrile**Storage Conditions:** Store Refrigerated (2° to 8°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.

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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



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