

Certificate of Analysis

Product Name: Pesticide Standard 7

Product Number: AGI-P03-7

Lot Issue Date: 15-May-2023

Lot Number: 0006742774

Expiration Date: 31-Dec-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	RM16462	100.2 ± 0.5 µg/mL
atrazine	001912-24-9	RM17497	100.4 ± 0.5 µg/mL
azinphos-ethyl	002642-71-9	RM16989	100.2 ± 0.5 µg/mL
chlorpropham	000101-21-3	RM03671	100.2 ± 0.5 µg/mL
chlorpyrifos	002921-88-2	RM19801	100.2 ± 0.5 µg/mL
coumaphos	000056-72-4	RM20148	100.3 ± 0.5 µg/mL
cyfluthrin	068359-37-5	RM09294	100.4 ± 0.5 µg/mL
lambda-cyhalothrin	091465-08-6	RM18687	100.2 ± 0.5 µg/mL
cyproconazole	094361-06-5	RM09114	100.1 ± 0.5 µg/mL
cyprodinil	121552-61-2	RM10427	100.4 ± 0.5 µg/mL
difenoconazole	119446-68-3	RM18288	100.2 ± 0.5 µg/mL
diniconazole	083657-24-3	RM19556	100.5 ± 0.5 µg/mL
dipropetryn	004147-51-7	RM10871	100.2 ± 0.5 µg/mL
fenbuconazole	114369-43-6	RM15441	100.2 ± 0.5 µg/mL
fipronil	120068-37-3	RM20910	100.3 ± 0.5 µg/mL
fluquinconazole	136426-54-5	RM15323	100.3 ± 0.5 µg/mL



ISO 17034 Cert
No. AR-1936

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Quality Management System. Cert# 951215321

Page: 1 of 3

CSD-QA-015.2



ISO 17025 Cert
No. AT-1937

Certificate of Analysis

Product Number: AGI-P03-7**Lot Number:** 0006742774

hexaconazole	079983-71-4	RM18281	100.4 ± 0.5 µg/mL
iprodione	036734-19-7	RM21016	100.3 ± 0.5 µg/mL
monolinuron	001746-81-2	RM09242	100.3 ± 0.5 µg/mL
prometryn	007287-19-6	RM20649	100.2 ± 0.5 µg/mL
propiconazole	060207-90-1	RM17177	100.3 ± 0.5 µg/mL
simazine	000122-34-9	RM00622	100.2 ± 0.5 µg/mL
pentachloroaniline	000527-20-8	RM15381	100.1 ± 0.5 µg/mL
terbutryn(e)	000886-50-0	RM18573	100.2 ± 0.5 µg/mL
profenophos	041198-08-7	RM18324	100.4 ± 0.5 µg/mL
tetraconazole	112281-77-3	RM19356	100.1 ± 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.

ISO 17034 Cert
No. AR-1936RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 951215321

Page: 2 of 3

CSD-QA-015.2

ISO 17025 Cert
No. AT-1937



Certificate of Analysis

Product Number: AGI-P03-7

Lot Number: 0006742774

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

Page: 3 of 3

CSD-QA-015.2



ISO 17025 Cert
No. AT-1937