

Certificate of Analysis

Product Name: GC/LC Pesticide Standard #1

Product Number: PSM-100-AA

Lot Issue Date: 24-Nov-2020

Lot Number: 0006573642

Expiration Date: 31-Dec-2022

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
acephate	030560-19-1	RM16087	100.0 ± 0.5 µg/mL
azaconazole	060207-31-0	RM14095	100.2 ± 0.5 µg/mL
azinphos-ethyl	002642-71-9	RM16989	100.1 ± 0.5 µg/mL
cadusafos	095465-99-9	RM16733	100.3 ± 0.5 µg/mL
chlorfenvinphos	000470-90-6	RM13328	100.3 ± 0.5 µg/mL
cyprodinil	121552-61-2	RM09130	100.2 ± 0.5 µg/mL
deet	000134-62-3	RM02761	100.1 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM16085	100.2 ± 0.5 µg/mL
dimethoate	000060-51-5	RM16271	100.0 ± 0.5 µg/mL
ethoprop	013194-48-4	RM17088	100.4 ± 0.5 µg/mL
fenamiphos	022224-92-6	RM03736	100.3 ± 0.5 µg/mL
fipronil	120068-37-3	RM15604	100.2 ± 0.5 µg/mL
fonofos	000944-22-9	RM16629	100.0 ± 0.5 µg/mL
fosthiazate	098886-44-3	RM16135	100.0 ± 0.5 µg/mL
guthion	000086-50-0	RM14898	100.3 ± 0.5 µg/mL
ioxynil	001689-83-4	RM05007	100.4 ± 0.5 µg/mL
isofenphos	025311-71-1	RM16329	100.2 ± 0.5 µg/mL



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

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CSD-QA-015.1



ISO 17025 Cert
No. AT-1937

Certificate of Analysis

Product Number:	PSM-100-AA	Lot Number:	0006573642
propiconazole	060207-90-1	RM13179	100.5 ± 0.5 µg/mL
terbumeton	033693-04-8	RM14700	100.0 ± 0.5 µg/mL
terbutryn(e)	000886-50-0	RM06258	100.2 ± 0.5 µg/mL

Matrix: acetonitrile

Storage Conditions: Store Refrigerated (2° - 8°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL 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