

Certificate of Analysis

Product Name: Pesticide Standard 6

Product Number: AGI-P03-6

Lot Issue Date: 05-Dec-2019

Lot Number: 0006505848

Expiration Date: 31-Jul-2020

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
bromophos-ethyl	004824-78-6	rm15365	100.3 $\pm$ 0.5 μ g/mL
chlorfenvinphos	000470-90-6	RM13328	100.2 $\pm$ 0.5 μ g/mL
chlorpyrifos-methyl	005598-13-0	RM14476	100.3 $\pm$ 0.5 μ g/mL
dicrotophos	000141-66-2	RM15366	100.1 $\pm$ 0.5 μ g/mL
ethion	000563-12-2	RM14578	100.4 $\pm$ 0.5 μ g/mL
etrimfos	038260-54-7	RM13613	100.1 $\pm$ 0.5 μ g/mL
famphur	000052-85-7	RM15347	100.4 $\pm$ 0.5 μ g/mL
fenitrothion	000122-14-5	RM13346	100.4 $\pm$ 0.5 μ g/mL
fenthion-sulfoxide	003761-41-9	RM09311	100.2 $\pm$ 0.5 μ g/mL
isazophos	042509-80-8	RM15046	100.1 $\pm$ 0.5 μ g/mL
isocarbofos	024353-61-5	RM15033-01	100.2 $\pm$ 0.5 μ g/mL
malaoxon	001634-78-2	RM15590	100.2 $\pm$ 0.5 μ g/mL
malathion	000121-75-5	RM12832	100.4 $\pm$ 0.5 μ g/mL
tokuthion	034643-46-4	RM15364	100.0 $\pm$ 0.5 μ g/mL
pirimiphos-ethyl	023505-41-1	RM14614	100.2 $\pm$ 0.5 μ g/mL
pyridaphenthion	000119-12-0	RM09180	100.1 $\pm$ 0.5 μ g/mL
fenchlorphos	000299-84-3	rm15363	100.3 $\pm$ 0.5 μ g/mL
tetrachlorvinphos	022248-79-9	RM14166	100.1 $\pm$ 0.5 μ g/mL
thionazin	000297-97-2	RM15510	100.3 $\pm$ 0.5 μ g/mL
methidathion	000950-37-8	RM03745	100.4 $\pm$ 0.5 μ g/mL
tolclofos-methyl	057018-04-9	RM12823	100.1 $\pm$ 0.5 μ g/mL



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diazinon	000333-41-5	RM13575	100.2 ± 0.5 µg/mL
pendimethalin	040487-42-1	RM15274	100.2 ± 0.5 µg/mL
trichloronate	000327-98-0	RM15875	100.2 ± 0.5 µg/mL
pronamide	023950-58-5	RM14691	100.1 ± 0.5 µg/mL
terbuthylazine	005915-41-3	RM09282	100.2 ± 0.5 µg/mL
acrinathrin	101007-06-1	RM13927	100.1 ± 0.5 µg/mL
methoprene	040596-69-8	RM15185-01	100.3 ± 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/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:



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Monica Bourgeois
QMS Representative



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