

Certificate of Analysis

Product Name: LC/MS Pesticide Standard #8

Product Number: 5190-0551-8

Lot Issue Date: 01-Nov-2022

Lot Number: 0006711912

Expiration Date: 30-Nov-2023

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
dimethoate	000060-51-5	RM19269	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
ethoxyquin	000091-53-2	RM19521	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
carbofuran	001563-66-2	RM18301	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
fluometuron	002164-17-2	RM18668	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
metobromuron	003060-89-7	RM19174	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
clomazone	081777-89-1	RM18293	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
ethidimuron	030043-49-3	RM12344	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
fluazinam	079622-59-6	RM17202	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
flumetsulam	098967-40-9	RM18914	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
flutriafol	076674-21-0	RM16259	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
desmedipham	013684-56-5	RM18519	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
beflubutamid	113614-08-7	RM18441	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
bifenazate	149877-41-8	RM20195	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
cyprodinil	121552-61-2	RM10427	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
fluoxastrobin	361377-29-9	RM15798	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
halofenozide	112226-61-6	RM12131	100.4 $\pm$ 0.5 $\mu\text{g/mL}$



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halosulfuron-methyl	100784-20-1	RM18126	100.3 ± 0.5 µg/mL
chlorantraniliprole	500008-45-7	RM19619	100.2 ± 0.5 µg/mL
methacrifos	062610-77-9	RM12158	100.4 ± 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.

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

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CSD-QA-015.1



ISO 17025 Cert
No. AT-1937