

Certificate of Analysis

Product Name: LC/MS Pesticide Standard #6

Product Number: 5190-0551-6

Lot Issue Date: 28-Feb-2023

Lot Number: 0006731265

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 $\pm$ Uncertainty
carbaryl	000063-25-2	RM17816	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
trichlorfon	000052-68-6	RM15210	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
propoxur	000114-26-1	RM16246	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
trietazine	001912-26-1	RM14682	100.2 $\pm$ 0.5 $\mu\text{g/mL}$
2,3,5-trimethacarb	002655-15-4	RM18797	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
carbosulfan	055285-14-8	RM18160	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
diethofencarb	087130-20-9	RM01766	100.0 $\pm$ 0.5 $\mu\text{g/mL}$
fenoxycarb	072490-01-8	RM17719	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
furathiocarb	065907-30-4	RM13653	100.0 $\pm$ 0.5 $\mu\text{g/mL}$
pencycuron	066063-05-6	RM18340	100.3 $\pm$ 0.5 $\mu\text{g/mL}$
pyrimethanil	053112-28-0	RM18632	100.0 $\pm$ 0.5 $\mu\text{g/mL}$
triadimenol	055219-65-3	RM16846	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
flonicamid	158062-67-0	RM18111	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
flumioxazin	103361-09-7	RM18594	100.1 $\pm$ 0.5 $\mu\text{g/mL}$
spiromesifen	283594-90-1	RM18833	100.4 $\pm$ 0.5 $\mu\text{g/mL}$
spirotetramat	203313-25-1	RM17974	100.1 $\pm$ 0.5 $\mu\text{g/mL}$

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sulfentrazone	122836-35-5	RM17418	100.2 ± 0.5 µg/mL
zoxamide	156052-68-5	RM16909	100.1 ± 0.5 µg/mL
omethoate	001113-02-6	RM16175	100.3 ± 0.5 µg/mL
mesosulfuron-methyl	208465-21-8	RM16566	100.2 ± 0.5 µg/mL
phosmet	000732-11-6	RM03253	100.2 ± 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

Page: 2 of 2

CSD-QA-015.1



ISO 17025 Cert
No. AT-1937