

Certificate of Analysis

Product Name: LC Pesticide Standard #7

Product Number: PSM-100-S

Lot Issue Date: 19-Oct-2020

Lot Number: 0006564997

Expiration Date: 30-Nov-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
acetochlor	034256-82-1	RM16928	100.4 ± 0.5 µg/mL
bupirimate	041483-43-6	RM09043	100.4 ± 0.5 µg/mL
climbazol	038083-17-9	RM10090	100.2 ± 0.5 µg/mL
clodinafop-propargyl ester	105512-06-9	RM02783	100.2 ± 0.5 µg/mL
cloquintocet-1-methylhexyl ester	099607-70-2	RM15439	100.2 ± 0.5 µg/mL
diclobutrazol	075736-33-3	RM13862	100.3 ± 0.5 µg/mL
fenarimol	060168-88-9	RM13668	100.1 ± 0.5 µg/mL
fenpiclonil	074738-17-3	RM04047	100.1 ± 0.5 µg/mL
fenpropidin	067306-00-7	RM16899	100.2 ± 0.5 µg/mL
fluopyram	658066-35-4	RM14795	100.4 ± 0.5 µg/mL
fluotrimazol	031251-03-3	RM13312	100.2 ± 0.5 µg/mL
kresoxim-methyl	143390-89-0	RM16788	100.4 ± 0.5 µg/mL
metazachlor	067129-08-2	RM14128	100.2 ± 0.5 µg/mL
methiocarb sulfoxide	002635-10-1	RM09187	100.3 ± 0.5 µg/mL
metribuzin	021087-64-9	RM16903	100.2 ± 0.5 µg/mL
molinate	002212-67-1	RM14835	100.3 ± 0.5 µg/mL
pronamide	023950-58-5	RM13676	100.1 ± 0.5 µg/mL

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pyridaben	096489-71-3	RM05236	100.4 ± 0.5 µg/mL
terbufos sulfone	056070-16-7	RM16860	100.3 ± 0.5 µg/mL
triflumizole	068694-11-1	RM16710	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



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