

Certificate of Analysis

Product Name: Pesticides Mixture

Product Number: CUS-14466

Lot Issue Date: 25-May-2021

Lot Number: 0006610361

Expiration Date: 30-Jun-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
diflubenzuron	035367-38-5	RM02949	200.2 $\pm$ 1.0 $\mu\text{g/mL}$
diuron	000330-54-1	RM18395	200.6 $\pm$ 1.0 $\mu\text{g/mL}$
fluometuron	002164-17-2	RM12971	200.6 $\pm$ 1.0 $\mu\text{g/mL}$
linuron	000330-55-2	RM17509	200.2 $\pm$ 1.0 $\mu\text{g/mL}$
propanil	000709-98-8	RM03260	200.0 $\pm$ 1.0 $\mu\text{g/mL}$
siduron (mix of isomers)	001982-49-6	RM03313	200.3 $\pm$ 1.0 $\mu\text{g/mL}$
tebuthiuron	034014-18-1	RM15610	200.4 $\pm$ 1.0 $\mu\text{g/mL}$
thidiazuron	051707-55-2	RM10013	200.2 $\pm$ 1.0 $\mu\text{g/mL}$
isoproturon	034123-59-6	RM09323	200.4 $\pm$ 1.0 $\mu\text{g/mL}$
pyriproxyfen	095737-68-1	RM17394	200.2 $\pm$ 1.0 $\mu\text{g/mL}$
chlorotoluron	015545-48-9	RM16220	200.2 $\pm$ 1.0 $\mu\text{g/mL}$
metazachlor	067129-08-2	RM17738	200.0 $\pm$ 1.0 $\mu\text{g/mL}$
metoxuron	019937-59-8	RM16981	200.4 $\pm$ 1.0 $\mu\text{g/mL}$

Matrix: methanol/acetone (60:40)

Storage Conditions: Store Frozen (-25° to -10°C).

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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Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated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 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

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