

Certificate of Analysis

Product Name: LC Pesticide Standard no. 7

Product Number: PSM-105-I

Lot Issue Date: 07-Jan-2021

Lot Number: 0006581661

Expiration Date: 28-Feb-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 ± Uncertainty
amisulbrom	348635-87-0	RM16686	50.1 ± 0.3 µg/mL
benzobicyclon	156963-66-5	RM17343	50.0 ± 0.3 µg/mL
dinotefuran	165252-70-0	RM16820	50.0 ± 0.3 µg/mL
ethaboxam	162650-77-3	RM10460	50.1 ± 0.3 µg/mL
etoxazol	153233-91-1	RM17090	50.1 ± 0.3 µg/mL
flonicamid	158062-67-0	RM17590	50.1 ± 0.3 µg/mL
imicyafos	140163-89-9	RM17067	50.0 ± 0.3 µg/mL
pyrazolynate	058011-68-0	RM17242	50.2 ± 0.3 µg/mL
pyrifluquinazon	337458-27-2	RM17241	50.0 ± 0.3 µg/mL
sethoxydim	074051-80-2	RM15187	50.2 ± 0.3 µg/mL
sulfoxaflor	946578-00-3	RM11908	50.1 ± 0.3 µg/mL
uniconazole	083657-22-1	RM15987	50.1 ± 0.3 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/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.

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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Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated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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www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937