

Certificate of Analysis

Product Name: LC Pesticide Standard #9

Product Number: PSM-100-U

Lot Issue Date: 19-Oct-2020

Lot Number: 0006564999

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
benalaxyl	071626-11-4	RM14262	100.3 ± 0.5 µg/mL
benthiavalicarb-isopropyl	177406-68-7	RM17215	99.8 ± 0.5 µg/mL
bitertanol	055179-31-2	RM09739	100.2 ± 0.5 µg/mL
buprofezin	069327-76-0	RM16728	100.3 ± 0.5 µg/mL
carbaryl	000063-25-2	RM16704	100.0 ± 0.5 µg/mL
clethodim	099129-21-2	RM15689	99.9 ± 0.5 µg/mL
cyazofamid	120116-88-3	RM17188	100.1 ± 0.5 µg/mL
cymoxanil	057966-95-7	RM15732	100.1 ± 0.5 µg/mL
dimethomorph	110488-70-5	RM16569	100.2 ± 0.5 µg/mL
etoxazol	153233-91-1	RM17090	100.0 ± 0.5 µg/mL
famoxadone	131807-57-3	RM17288	100.0 ± 0.5 µg/mL
fenamidone	161326-34-7	RM16084	100.3 ± 0.5 µg/mL
fluazifop-p-butyl	079241-46-6	RM14811	100.2 ± 0.5 µg/mL
hexythiazox	078587-05-0	RM16119	100.3 ± 0.5 µg/mL
mandipropamid	374726-62-2	RM16774	100.0 ± 0.5 µg/mL
methoxyfenozide	161050-58-4	RM09347	100.0 ± 0.5 µg/mL
propaquizafop	111479-05-1	RM17104	100.0 ± 0.5 µg/mL

Certificate of Analysis

Product Number: PSM-100-U**Lot Number:** 0006564999

pyriproxyfen	095737-68-1	RM17170	100.1 ± 0.5 µg/mL
rotenone	000083-79-4	RM12468	99.9 ± 0.5 µg/mL
spirodiclofen	148477-71-8	RM09070	100.1 ± 0.5 µg/mL
tepraloxym	149979-41-9	RM14325	100.2 ± 0.5 µg/mL
thiamethoxam	153719-23-4	RM14789	100.0 ± 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/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 RepresentativeISO 17034 Cert
No. AR-1936RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality
Management System. Cert # 56 100 18560026

Page: 2 of 2

www.agilent.com/quality/
CSD-QA-015.1ISO 17025 Cert
No. AT-1937