

Certificate of Analysis

Product Name: Appendix IX Pesticides / Herbicides Standard

Product Number: PPM-650-1

Lot Issue Date: 20-Jan-2021

Lot Number: 0006585413

Expiration Date: 28-Feb-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
azinphos-methyl	000086-50-0	RM14898	2001 ± 10 µg/mL
captafol	002425-06-1	NT00701	1997 ± 10 µg/mL
captan	000133-06-2	RM02848	2003 ± 10 µg/mL
carbaryl	000063-25-2	RM17769	2001 ± 10 µg/mL
carbofuran	001563-66-2	RM17145	2004 ± 10 µg/mL
coumaphos	000056-72-4	RM16900	2006 ± 10 µg/mL
crotoxyphos	007700-17-6	RM17768	2004 ± 10 µg/mL
demeton (total, mixed isomers)	008065-48-3	RM16437	2008 ± 10 µg/mL
dicrotophos	000141-66-2	RM16722	2004 ± 10 µg/mL
dioxathion	000078-34-2	RM16600	2003 ± 10 µg/mL
EPN	002104-64-5	RM17227	2002 ± 10 µg/mL
ethion	000563-12-2	RM16971	2006 ± 10 µg/mL
fensulfothion	000115-90-2	RM16561	2003 ± 10 µg/mL
fenthion	000055-38-9	RM16476	2002 ± 10 µg/mL
malathion	000121-75-5	RM12832	2006 ± 10 µg/mL
mevinphos	007786-34-7	RM17203	2008 ± 10 µg/mL
mexacarbate	000315-18-4	RM14903	2008 ± 10 µg/mL

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monocrotophos	006923-22-4	RM16638	2008 ± 10 µg/mL
schradan	000152-16-9	RM17756	2006 ± 10 µg/mL
phosalone	002310-17-0	RM17501	2008 ± 10 µg/mL
phosmet	000732-11-6	RM03253	2004 ± 10 µg/mL
phosphamidon	013171-21-6	RM17151	2005 ± 10 µg/mL
vegadex	000095-06-7	RM12322	2006 ± 10 µg/mL
terbufos	013071-79-9	RM16901	2002 ± 10 µg/mL

Matrix: acetone**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/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 RepresentativeISO 17034 Cert
No. AR-1936RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality
Management System. Cert # 56 100 18560026

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CSD-QA-015.1ISO 17025 Cert
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