

Certificate of Analysis

Product Name: Pesticides Individual Standard

Product Number: CLP-216E-1

Lot Issue Date: 17-Dec-2019

Lot Number: 0006507951

Expiration Date: 31-Jan-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
alpha-BHC	000319-84-6	RM14073	80.2 $\pm$ 0.4 ng/mL
gamma-BHC	000058-89-9	RM02694	79.9 $\pm$ 0.4 ng/mL
decachlorobiphenyl (BZ # 209)	002051-24-3	RM01256	160.1 $\pm$ 0.8 ng/mL
dieldrin	000060-57-1	RM13088	160.5 $\pm$ 0.8 ng/mL
endosulfan I	000959-98-8	RM00834	79.9 $\pm$ 0.4 ng/mL
endrin	000072-20-8	RM00557	159.8 $\pm$ 0.8 ng/mL
4,4'-DDD	000072-54-8	RM00615	160.5 $\pm$ 0.8 ng/mL
4,4'-DDT	000050-29-3	NT01175	160.3 $\pm$ 0.8 ng/mL
heptachlor	000076-44-8	RM03111	80.2 $\pm$ 0.4 ng/mL
methoxychlor	000072-43-5	RM12528	800.2 $\pm$ 4.0 ng/mL
2,4,5,6-tetrachloro-m-xylene	000877-09-8	RM13844	80.1 $\pm$ 0.4 ng/mL

Matrix: hexane

Storage Conditions: Store at Room Temperature (15° to 30°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



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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Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated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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ISO 17025 Cert
No. AT-1937