

Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-608B

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Lot Number: CP-2243

Lot Issue Date: 10-May-2016

Expiration Date: 31-Dec-2016

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
endosulfan II	033213-65-9	RM07039	20.1 ± 0.1 µg/mL
endosulfan sulfate	001031-07-8	RM06741	20.0 ± 0.1 µg/mL
endrin	000072-20-8	RM00557	20.0 ± 0.1 µg/mL
endrin aldehyde	007421-93-4	RM04131	20.0 ± 0.1 µg/mL
heptachlor	000076-44-8	RM03111	20.1 ± 0.1 µg/mL
aldrin	000309-00-2	RM00635	20.0 ± 0.1 µg/mL
alpha-BHC	000319-84-6	RM06996	20.0 ± 0.1 µg/mL
beta-BHC	000319-85-7	RM06986	20.0 ± 0.1 µg/mL
delta-BHC	000319-86-8	RM09156	20.0 ± 0.1 µg/mL
gamma-BHC	000058-89-9	RM02694	20.1 ± 0.1 µg/mL
4,4'-DDD	000072-54-8	RM00615	20.1 ± 0.1 µg/mL
4,4'-DDE	000072-55-9	RM02892	20.1 ± 0.1 µg/mL
4,4'-DDT	000050-29-3	RM06888	20.0 ± 0.1 µg/mL
dieldrin	000060-57-1	RM03957	20.1 ± 0.1 µg/mL
endosulfan I	000959-98-8	RM00834	20.0 ± 0.1 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM10220	20.1 ± 0.1 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store Refrigerated (2° to 8°C), Do Not Freeze.

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.