



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-608D

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Lot Number: CR-6118

Lot Issue Date: 05-Jan-2018

Expiration Date: 28-Feb-2020

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
aldrin	000309-00-2	RM00635	100.1 ± 0.5 µg/mL
alpha-BHC	000319-84-6	RM12548	100.1 ± 0.5 µg/mL
beta-BHC	000319-85-7	RM13194	100.2 ± 0.5 µg/mL
delta-BHC	000319-86-8	RM09156	100.2 ± 0.5 µg/mL
gamma-BHC	000058-89-9	RM02694	100.3 ± 0.5 µg/mL
4,4'-DDD	000072-54-8	RM00615	600.2 ± 3.0 µg/mL
4,4'-DDE	000072-55-9	RM02892	200.4 ± 1.0 µg/mL
4,4'-DDT	000050-29-3	RM06888	601.7 ± 3.0 µg/mL
dieldrin	000060-57-1	RM03957	200.3 ± 1.0 µg/mL
endosulfan I	000959-98-8	RM00834	200.4 ± 1.0 µg/mL
endosulfan II	033213-65-9	RM07039	200.7 ± 1.0 µg/mL
endosulfan sulfate	001031-07-8	RM12593	602.4 ± 3.0 µg/mL
endrin	000072-20-8	RM00557	200.6 ± 1.0 µg/mL
endrin aldehyde	007421-93-4	RM04131	602.7 ± 3.0 µg/mL
heptachlor	000076-44-8	RM03111	100.1 ± 0.5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM13200	100.1 ± 0.5 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (15° to 30°C), Do Not Refrigerate.

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



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