



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-665-1

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Lot Number: CS-0486

Lot Issue Date: 06-Feb-2018

Expiration Date: 31-Mar-2019

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	200.4 ± 1.0 µg/mL
4,4'-DDD	000072-54-8	RM00615	200.4 ± 1.0 µg/mL
4,4'-DDE	000072-55-9	RM02892	200.2 ± 1.0 µg/mL
4,4'-DDT	000050-29-3	RM06888	200.2 ± 1.0 µg/mL
dieldrin	000060-57-1	RM03957	200.5 ± 1.0 µg/mL
endosulfan I	000959-98-8	RM00834	200.2 ± 1.0 µg/mL
endosulfan II	033213-65-9	RM07039	200.8 ± 1.0 µg/mL
endosulfan sulfate	001031-07-8	RM12593	200.3 ± 1.0 µg/mL
endrin	000072-20-8	RM00557	200.2 ± 1.0 µg/mL
endrin aldehyde	007421-93-4	RM04131	200.7 ± 1.0 µg/mL
heptachlor	000076-44-8	RM03111	200.6 ± 1.0 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM13469	200.4 ± 1.0 µg/mL
alpha-BHC	000319-84-6	RM12548	200.1 ± 1.0 µg/mL
beta-BHC	000319-85-7	RM06986	200.2 ± 1.0 µg/mL
gamma-BHC	000058-89-9	RM02694	200.2 ± 1.0 µg/mL
delta-BHC	000319-86-8	RM09156	200.2 ± 1.0 µg/mL

Matrix: hexane/toluene (1:1)

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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