



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-808C

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Lot Number: CR-1559A

Lot Issue Date: 07-Jun-2018

Expiration Date: 31-Jul-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	1001 ± 5 µg/mL
alpha-BHC	000319-84-6	NT01781	1001 ± 5 µg/mL
beta-BHC	000319-85-7	RM06986	1002 ± 5 µg/mL
delta-BHC	000319-86-8	RM09156	1004 ± 5 µg/mL
gamma-BHC	000058-89-9	RM02694	1004 ± 5 µg/mL
cis-chlordane	005103-71-9	RM07243	1003 ± 5 µg/mL
trans-chlordane	005103-74-2	RM02726	1005 ± 5 µg/mL
4,4'-DDD	000072-54-8	RM00615	1002 ± 5 µg/mL
4,4'-DDE	000072-55-9	RM02892	1003 ± 5 µg/mL
4,4'-DDT	000050-29-3	RM06888	1004 ± 5 µg/mL
dieldrin	000060-57-1	RM03957	1001 ± 5 µg/mL
endosulfan I	000959-98-8	RM00834	1003 ± 5 µg/mL
endosulfan II	033213-65-9	RM07039	1003 ± 5 µg/mL
endosulfan sulfate	001031-07-8	RM12510	1004 ± 5 µg/mL
endrin	000072-20-8	RM00557	1004 ± 5 µg/mL
endrin aldehyde	007421-93-4	RM04131	1001 ± 5 µg/mL
endrin ketone	053494-70-5	RM07329	1003 ± 5 µg/mL
heptachlor	000076-44-8	RM03111	1002 ± 5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM12437	1004 ± 5 µg/mL
methoxychlor	000072-43-5	RM12528	1001 ± 5 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/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



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