



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-508B

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Lot Number: CL-0630A

Lot Issue Date: 31-Mar-2015

Expiration Date: 31-Mar-2016

This certified 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	1005 ± 5 µg/mL
alpha-BHC	000319-84-6	NT01781	1003 ± 5 µg/mL
beta-BHC	000319-85-7	NT01501	999.5 ± 5.0 µg/mL
delta-BHC	000319-86-8	NT01167	1000 ± 5 µg/mL
gamma-BHC	000058-89-9	RM02694	1004 ± 5 µg/mL
4,4'-DDD	000072-54-8	NT00691	1001 ± 5 µg/mL
4,4'-DDE	000072-55-9	NT01806	1001 ± 5 µg/mL
4,4'-DDT	000050-29-3	NT01175	1004 ± 5 µg/mL
dieldrin	000060-57-1	RM03956	1003 ± 5 µg/mL
endosulfan I	000959-98-8	RM00834	1001 ± 5 µg/mL
endosulfan II	033213-65-9	RM02904	1003 ± 5 µg/mL
endosulfan sulfate	001031-07-8	RM06741	1002 ± 5 µg/mL
endrin	000072-20-8	RM00557	1001 ± 5 µg/mL
endrin aldehyde	007421-93-4	RM04131	1000 ± 5 µg/mL
heptachlor	000076-44-8	RM03111	1002 ± 5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM00308	999.9 ± 5.0 µg/mL
methoxychlor	000072-43-5	RM06490	1003 ± 5 µg/mL

Matrix: methyl tert-butyl ether (MTBE)

Storage: Store at Room Temperature (15-30°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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