



Certificate of Analysis

Organochloride Pesticide Mixture

Product Number: US-102BN

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Lot Number: CH-3246

Lot Issue Date: 15-Nov-2011

Expiration Date: 30-Nov-2014

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	H-501	2009 ± 10 µg/mL
alpha-BHC	000319-84-6	NT01781	2009 ± 10 µg/mL
beta-BHC	000319-85-7	NT01501	2009 ± 10 µg/mL
delta-BHC	000319-86-8	RM02723	2010 ± 10 µg/mL
gamma-BHC	000058-89-9	RM02694	2010 ± 10 µg/mL
4,4'-DDD	000072-54-8	RM00615	2010 ± 10 µg/mL
4,4'-DDE	000072-55-9	RM02891	2009 ± 10 µg/mL
4,4'-DDT	000050-29-3	RM02881	2010 ± 10 µg/mL
dieldrin	000060-57-1	RM02882/RM02883	2009 ± 10 µg/mL
endosulfan I	000959-98-8	RM00834	2009 ± 10 µg/mL
endosulfan II	033213-65-9	RM02904	2008 ± 10 µg/mL
endosulfan sulfate	001031-07-8	RM02897	2010 ± 10 µg/mL
endrin	000072-20-8	35091-1B	2006 ± 10 µg/mL
endrin aldehyde	007421-93-4	34701-21	2010 ± 10 µg/mL
heptachlor	000076-44-8	RM03111	2009 ± 10 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM03131	2010 ± 10 µg/mL

Matrix: hexane/toluene (1:1)

Storage: Store at Room Temperature (18-25°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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