



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: MISA-220

Page: 1 of 2

Lot Number: CH-3586

Lot Issue Date: 08-Nov-2011

Expiration Date: 31-Dec-2013

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	RM00635-01	2003 ± 10 µg/mL
alpha-BHC	000319-84-6	RM02725-02	2006 ± 10 µg/mL
beta-BHC	000319-85-7	RM02724-01	2000 ± 10 µg/mL
gamma-BHC	000058-89-9	RM02694-04	2003 ± 10 µg/mL
delta-BHC	000319-86-8	RM02723-03	2003 ± 10 µg/mL
4,4'-DDD	000072-54-8	RM00615-01	2005 ± 10 µg/mL
4,4'-DDE	000072-55-9	RM02892-02	2003 ± 10 µg/mL
4,4'-DDT	000050-29-3	RM02881-01	2003 ± 10 µg/mL
dieldrin	000060-57-1	NT01786	2003 ± 10 µg/mL
endosulfan I	000959-98-8	RM00834	2001 ± 10 µg/mL
endosulfan II	033213-65-9	RM02906-01	2002 ± 10 µg/mL
endosulfan sulfate	001031-07-8	RM02897-02	2002 ± 10 µg/mL
endrin	000072-20-8	256-27A	2002 ± 10 µg/mL
endrin aldehyde	007421-93-4	ER082306-01	2003 ± 10 µg/mL
endrin ketone	053494-70-5	RM00212-01	2001 ± 10 µg/mL
heptachlor	000076-44-8	RM03111-02	2001 ± 10 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM03131-02	2002 ± 10 µg/mL
methoxychlor	000072-43-5	RM01712-02	2000 ± 10 µg/mL

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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William J. Leary
Quality Assurance Manager



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Matrix: acetone

Storage: Store at Room Temperature (18-25°C). Do Not Refrigerate.

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