



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: MISA-220

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Lot Number: CJ-4683

Lot Issue Date: 10-Jan-2013

Expiration Date: 28-Feb-2015

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	1999 ± 10 µg/mL
alpha-BHC	000319-84-6	RM02725	2001 ± 10 µg/mL
beta-BHC	000319-85-7	RM02724	2008 ± 10 µg/mL
gamma-BHC	000058-89-9	RM02694	2001 ± 10 µg/mL
delta-BHC	000319-86-8	RM05696	2004 ± 10 µg/mL
4,4'-DDD	000072-54-8	RM00615	2000 ± 10 µg/mL
4,4'-DDE	000072-55-9	RM02892	2000 ± 10 µg/mL
4,4'-DDT	000050-29-3	RM02881	2001 ± 10 µg/mL
dieldrin	000060-57-1	RM03957	2000 ± 10 µg/mL
endosulfan I	000959-98-8	RM05767	2004 ± 10 µg/mL
endosulfan II	033213-65-9	RM02905	2005 ± 10 µg/mL
endosulfan sulfate	001031-07-8	RM02897	2007 ± 10 µg/mL
endrin	000072-20-8	NT01979	2001 ± 10 µg/mL
endrin aldehyde	007421-93-4	RM04131	2000 ± 10 µg/mL
endrin ketone	053494-70-5	RM00212	2000 ± 10 µg/mL
heptachlor	000076-44-8	RM03111	2000 ± 10 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM05373	2000 ± 10 µg/mL
methoxychlor	000072-43-5	RM06203	2000 ± 10 µg/mL

Matrix: acetone

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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