



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: MISA-220

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Lot Number: CP-5023

Lot Issue Date: 04-Oct-2016

Expiration Date: 30-Nov-2017

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	2004 ± 10 µg/mL
alpha-BHC	000319-84-6	RM09239	2005 ± 10 µg/mL
beta-BHC	000319-85-7	RM06986	2002 ± 10 µg/mL
gamma-BHC	000058-89-9	RM02694	2004 ± 10 µg/mL
delta-BHC	000319-86-8	RM09156	2006 ± 10 µg/mL
4,4'-DDD	000072-54-8	RM00615	2002 ± 10 µg/mL
4,4'-DDE	000072-55-9	RM02892	2002 ± 10 µg/mL
4,4'-DDT	000050-29-3	RM06888	2007 ± 10 µg/mL
dieldrin	000060-57-1	RM03957	2005 ± 10 µg/mL
endosulfan I	000959-98-8	RM00834	2000 ± 10 µg/mL
endosulfan II	033213-65-9	RM07039	2008 ± 10 µg/mL
endosulfan sulfate	001031-07-8	RM10904	2006 ± 10 µg/mL
endrin	000072-20-8	RM00557	2002 ± 10 µg/mL
endrin aldehyde	007421-93-4	RM04131	2005 ± 10 µg/mL
endrin ketone	053494-70-5	RM07329	2000 ± 10 µg/mL
heptachlor	000076-44-8	RM03111	2002 ± 10 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM11978	2008 ± 10 µg/mL
methoxychlor	000072-43-5	RM10269	2006 ± 10 µg/mL

Matrix: acetone

Storage: Store Refrigerated (2° to 8°C), Do Not Freeze.

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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