



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: US-127

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Lot Number: CS-0292

Lot Issue Date: 22-Jan-2018

Expiration Date: 28-Feb-2021

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	2006 ± 10 µg/mL
alpha-BHC	000319-84-6	RM13413	2006 ± 10 µg/mL
beta-BHC	000319-85-7	RM06986	2009 ± 10 µg/mL
delta-BHC	000319-86-8	RM09156	2005 ± 10 µg/mL
gamma-BHC	000058-89-9	RM02694	2006 ± 10 µg/mL
cis-chlordane	005103-71-9	RM07243	2004 ± 10 µg/mL
trans-chlordane	005103-74-2	RM02726	2006 ± 10 µg/mL
4,4'-DDD	000072-54-8	RM00615	2004 ± 10 µg/mL
4,4'-DDE	000072-55-9	RM02892	2007 ± 10 µg/mL
4,4'-DDT	000050-29-3	RM06888	2006 ± 10 µg/mL
dieldrin	000060-57-1	RM03956	2006 ± 10 µg/mL
endosulfan I	000959-98-8	RM00834	2007 ± 10 µg/mL
endosulfan II	033213-65-9	RM07039	2003 ± 10 µg/mL
endosulfan sulfate	001031-07-8	RM12608	2006 ± 10 µg/mL
endrin	000072-20-8	RM00557	2005 ± 10 µg/mL
endrin aldehyde	007421-93-4	RM12540	2004 ± 10 µg/mL
endrin ketone	053494-70-5	RM12603	1992 ± 10 µg/mL
heptachlor	000076-44-8	RM03111	2005 ± 10 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM13469	2005 ± 10 µg/mL
methoxychlor	000072-43-5	RM12528	2007 ± 10 µg/mL

Matrix: hexane/toluene (1:1)

Storage: Store at Room Temperature (15° to 30°C), Do Not Refrigerate.

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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