



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: MISA-221-1

Page: 1 of 1

Lot Number: CS-2412

Lot Issue Date: 08-May-2018

Expiration Date: 30-Jun-2019

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	2008 ± 10 µg/mL
4,4'-DDD	000072-54-8	RM00615	2002 ± 10 µg/mL
4,4'-DDE	000072-55-9	RM02892	2004 ± 10 µg/mL
4,4'-DDT	000050-29-3	RM06888	2004 ± 10 µg/mL
dieldrin	000060-57-1	RM03957	2005 ± 10 µg/mL
endosulfan I	000959-98-8	RM00834	2008 ± 10 µg/mL
endosulfan II	033213-65-9	RM13612	2005 ± 10 µg/mL
endosulfan sulfate	001031-07-8	RM12608	2004 ± 10 µg/mL
endrin	000072-20-8	RM13034	2001 ± 10 µg/mL
endrin aldehyde	007421-93-4	RM12540	2009 ± 10 µg/mL
heptachlor	000076-44-8	RM03111	2008 ± 10 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM13830	2010 ± 10 µg/mL
endrin ketone	053494-70-5	RM13443	2002 ± 10 µg/mL
methoxychlor	000072-43-5	RM12528	2000 ± 10 µg/mL
alpha-BHC	000319-84-6	RM13413	2006 ± 10 µg/mL
beta-BHC	000319-85-7	RM13194	2009 ± 10 µg/mL
delta-BHC	000319-86-8	RM09156	2008 ± 10 µg/mL
gamma-BHC	000058-89-9	RM02694	2008 ± 10 µg/mL

Matrix: benzene

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.



ISO 9001
Registered
TUV USA, Inc.

John Russo
President

Monica Bourgeois
Director of QA/RA