



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-608B

Page: 1 of 1

Lot Number: CJ-4222

Lot Issue Date: 10-Jan-2013

Expiration Date: 30-Jun-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
endosulfan II	033213-65-9	RM02906	20.1 ± 0.1 µg/mL
endosulfan sulfate	001031-07-8	RM02897	20.1 ± 0.1 µg/mL
endrin	000072-20-8	NT01979	20.1 ± 0.1 µg/mL
endrin aldehyde	007421-93-4	RM04131	20.0 ± 0.1 µg/mL
heptachlor	000076-44-8	RM03111	20.1 ± 0.1 µg/mL
aldrin	000309-00-2	RM03998	20.0 ± 0.1 µg/mL
alpha-BHC	000319-84-6	RM02725	20.0 ± 0.1 µg/mL
beta-BHC	000319-85-7	RM02724	20.0 ± 0.1 µg/mL
delta-BHC	000319-86-8	RM02723	20.0 ± 0.1 µg/mL
gamma-BHC	000058-89-9	RM02694	20.0 ± 0.1 µg/mL
4,4'-DDD	000072-54-8	RM00615	20.1 ± 0.1 µg/mL
4,4'-DDE	000072-55-9	RM02892	20.1 ± 0.1 µg/mL
4,4'-DDT	000050-29-3	RM02881	20.0 ± 0.1 µg/mL
dieldrin	000060-57-1	RM03957	20.0 ± 0.1 µg/mL
endosulfan I	000959-98-8	RM00834	20.1 ± 0.1 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM03704	20.1 ± 0.1 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C, Do Not Freeze

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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