

Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-608C

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Lot Number: CF-5211

Lot Issue Date: Dec-2009

Expiration Date: Jan-2011

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	ER012606-03	20.1 ± 0.1 µg/mL
alpha-BHC	000319-84-6	27275-15	20.0 ± 0.1 µg/mL
beta-BHC	000319-85-7	ER052506-01	20.0 ± 0.1 µg/mL
delta-BHC	000319-86-8	ER051805-01	20.1 ± 0.1 µg/mL
gamma-BHC	000058-89-9	NT01899	20.0 ± 0.1 µg/mL
4,4'-DDD	000072-54-8	W800	100.2 ± 0.5 µg/mL
4,4'-DDE	000072-55-9	X102	20.0 ± 0.1 µg/mL
4,4'-DDT	000050-29-3	02230KY	100.3 ± 0.5 µg/mL
dieldrin	000060-57-1	ER030105-03	20.0 ± 0.1 µg/mL
endosulfan I	000959-98-8	ER012105-02	20.1 ± 0.1 µg/mL
endosulfan II	033213-65-9	ER080805-01	100.2 ± 0.5 µg/mL
endosulfan sulfate	001031-07-8	32455-46	100.2 ± 0.5 µg/mL
endrin	000072-20-8	256-27A	100.2 ± 0.5 µg/mL
endrin aldehyde	007421-93-4	33381-04	20.0 ± 0.1 µg/mL
heptachlor	000076-44-8	33379-48	20.0 ± 0.1 µg/mL
heptachlor epoxide - isomer B	001024-57-3	ER090105-05	20.0 ± 0.1 µg/mL
methoxychlor	000072-43-5	224-108B	20.0 ± 0.1 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (18-25°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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