

Certificate of Analysis

Organochlorine Pesticide Mixture

Product Number: PPM-525E

Page: 1 of 2

Lot Number: CF-0027

Lot Issue Date: Jan-2009

Expiration Date: Feb-2012

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
alachlor	015972-60-8	396-109A	100.2 ± 0.5 µg/mL
aldrin	000309-00-2	ER012606-03	100.2 ± 0.5 µg/mL
alpha-chlordane	005103-71-9	24614-01	100.2 ± 0.5 µg/mL
alpha-BHC	000319-84-6	27275-15	100.2 ± 0.5 µg/mL
atrazine	001912-24-9	401-7A	100.2 ± 0.5 µg/mL
beta-BHC	000319-85-7	ER052506-01	100.2 ± 0.5 µg/mL
chlorobenzilate	000510-15-6	371-11B	100.2 ± 0.5 µg/mL
chlorothalonil	001897-45-6	265-114A	100.2 ± 0.5 µg/mL
chloroneb	002675-77-6	196-39A	100.2 ± 0.5 µg/mL
DCPA	001861-32-1	229-1B	100.2 ± 0.5 µg/mL
delta-BHC	000319-86-8	ER051805-01	100.2 ± 0.5 µg/mL
4,4'-DDD	000072-54-8	W800	100.2 ± 0.5 µg/mL
4,4'-DDT	000050-29-3	02230KY	100.2 ± 0.5 µg/mL
4,4'-DDE	000072-55-9	11923EO	100.2 ± 0.5 µg/mL
dieldrin	000060-57-1	ER030105-03	100.2 ± 0.5 µg/mL
endosulfan I	000959-98-8	ER012105-02	100.2 ± 0.5 µg/mL
endosulfan II	033213-65-9	ER031704-03	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	34701-21	100.2 ± 0.5 µg/mL

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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William J. Leary
Quality Assurance Manager

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Analyte	CAS#	Analyte Lot	True Value
etridiazole	002593-15-9	174-126B	100.2 ± 0.5 µg/mL
gamma-chlordane	005103-74-2	ER061906-04	100.2 ± 0.5 µg/mL
heptachlor	000076-44-8	33379-48	100.2 ± 0.5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	ER090105-05	100.2 ± 0.5 µg/mL
gamma-BHC	000058-89-9	NT01899	100.2 ± 0.5 µg/mL
methoxychlor	000072-43-5	380-133B	100.2 ± 0.5 µg/mL
simazine	000122-34-9	395-19B	100.2 ± 0.5 µg/mL
trans-nonachlor	039765-80-5	315-32-58	100.2 ± 0.5 µg/mL
permethrins (mixed isomers,total)	052645-53-1	344-69C	200.6 ± 1.0 µg/mL

Matrix: acetone

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