



Certificate of Analysis

Organochlorine Pesticide Mixture

Product Number: PPM-525E

Page: 1 of 2

Lot Number: CP-5095

Lot Issue Date: 11-Oct-2016

Expiration Date: 30-Nov-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.

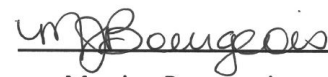
Analyte	CAS#	Analyte Lot	True Value
alachlor	015972-60-8	RM10831	100.4 ± 0.5 µg/mL
aldrin	000309-00-2	RM00635	100.2 ± 0.5 µg/mL
cis-chlordane	005103-71-9	RM07243	100.3 ± 0.5 µg/mL
alpha-BHC	000319-84-6	RM11178	100.3 ± 0.5 µg/mL
atrazine	001912-24-9	RM03843	100.3 ± 0.5 µg/mL
beta-BHC	000319-85-7	RM06986	100.4 ± 0.5 µg/mL
chlorobenzilate	000510-15-6	RM11720	100.3 ± 0.5 µg/mL
chlorothalonil	001897-45-6	RM10394	100.1 ± 0.5 µg/mL
chloroneb	002675-77-6	RM00198	100.1 ± 0.5 µg/mL
DCPA	001861-32-1	RM09168	100.2 ± 0.5 µg/mL
delta-BHC	000319-86-8	RM09156	100.3 ± 0.5 µg/mL
4,4'-DDD	000072-54-8	RM00615	100.1 ± 0.5 µg/mL
4,4'-DDT	000050-29-3	RM06888	100.1 ± 0.5 µg/mL
4,4'-DDE	000072-55-9	RM02892	100.1 ± 0.5 µg/mL
dieldrin	000060-57-1	RM03957	100.2 ± 0.5 µg/mL
endosulfan I	000959-98-8	RM00834	100.2 ± 0.5 µg/mL
endosulfan II	033213-65-9	RM07039	100.2 ± 0.5 µg/mL
endosulfan sulfate	001031-07-8	RM10904	100.4 ± 0.5 µg/mL
endrin	000072-20-8	RM00557	99.9 ± 0.5 µg/mL
endrin aldehyde	007421-93-4	RM04131	100.0 ± 0.5 µg/mL
etridiazole	002593-15-9	RM04462	100.1 ± 0.5 µg/mL
trans-chlordane	005103-74-2	RM02726	100.0 ± 0.5 µg/mL
heptachlor	000076-44-8	RM03111	100.1 ± 0.5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM11978	100.1 ± 0.5 µg/mL
gamma-BHC	000058-89-9	RM02694	100.2 ± 0.5 µg/mL
methoxychlor	000072-43-5	RM10269	100.1 ± 0.5 µg/mL
simazine	000122-34-9	RM00622	100.3 ± 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.



ISO 9001
Registered
TUV USA, Inc.


John Russo
President


Monica Bourgeois
Director of QA/RA



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trans-nonachlor	039765-80-5	RM03191	100.3 ± 0.5 µg/mL
permethrins (mixed isomers,total)	052645-53-1	RM06945	200.3 ± 1.0 µg/mL

Matrix: acetone

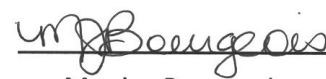
Storage: Store at Room Temperature (15° to 30°C), Do Not Refrigerate.

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