



Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-505E

Page: 1 of 1

Lot Number: CS-0381

Lot Issue Date: 29-Jan-2018

Expiration Date: 28-Feb-2020

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	10.0 ± 0.1 µg/mL
atrazine	001912-24-9	RM10318	250.7 ± 1.3 µg/mL
simazine	000122-34-9	RM00622	250.3 ± 1.3 µg/mL
methoxychlor	000072-43-5	RM09243	5.01 ± 0.03 µg/mL
aldrin	000309-00-2	RM00635	1.00 ± 0.01 µg/mL
gamma-BHC	000058-89-9	RM02694	1.00 ± 0.01 µg/mL
cis-chlordane	005103-71-9	RM07243	1.00 ± 0.01 µg/mL
trans-chlordane	005103-74-2	RM02726	1.00 ± 0.01 µg/mL
dieldrin	000060-57-1	RM03957	1.00 ± 0.01 µg/mL
endrin	000072-20-8	RM00557	1.00 ± 0.01 µg/mL
heptachlor	000076-44-8	RM03111	1.00 ± 0.01 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM11978	1.00 ± 0.01 µg/mL
hexachlorobenzene	000118-74-1	RM03125	1.00 ± 0.01 µg/mL
hexachlorocyclopentadiene	000077-47-4	RM07487	1.00 ± 0.01 µg/mL
cis-nonachlor	005103-73-1	RM03193	1.00 ± 0.01 µg/mL
trans-nonachlor	039765-80-5	RM03191	1.00 ± 0.01 µg/mL

Matrix: acetone

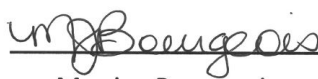
Storage: Store at Room Temperature (15° to 30°C).

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