



Certificate of Analysis

Chlorinated Pesticides Calibration Mixture

Product Number: US-335

Page: 1 of 1

Lot Number: CR-4930

Lot Issue Date: 27-Oct-2017

Expiration Date: 28-Feb-2018

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
aldrin	000309-00-2	RM00635	1003 $\pm$ 5 μ g/mL
4,4'-DDD	000072-54-8	RM00615	1004 $\pm$ 5 μ g/mL
4,4'-DDE	000072-55-9	RM02892	1004 $\pm$ 5 μ g/mL
4,4'-DDT	000050-29-3	RM06888	1002 $\pm$ 5 μ g/mL
dieldrin	000060-57-1	RM13081	998.9 $\pm$ 5.0 μ g/mL
endrin	000072-20-8	RM13034	1001 $\pm$ 5 μ g/mL
heptachlor	000076-44-8	RM03111	1003 $\pm$ 5 μ g/mL
heptachlor epoxide - isomer B	001024-57-3	RM12527	1004 $\pm$ 5 μ g/mL
endrin aldehyde	007421-93-4	RM12540	1003 $\pm$ 5 μ g/mL
endosulfan I	000959-98-8	RM00834	1003 $\pm$ 5 μ g/mL
endosulfan II	033213-65-9	RM07039	1004 $\pm$ 5 μ g/mL
endosulfan sulfate	001031-07-8	RM12608	1002 $\pm$ 5 μ g/mL
methoxychlor	000072-43-5	RM10269	1004 $\pm$ 5 μ g/mL
alachlor	015972-60-8	RM10831	1001 $\pm$ 5 μ g/mL
atrazine	001912-24-9	RM10318	1001 $\pm$ 5 μ g/mL
alpha-BHC	000319-84-6	RM12446	1002 $\pm$ 5 μ g/mL
beta-BHC	000319-85-7	RM06986	999.1 $\pm$ 5.0 μ g/mL
delta-BHC	000319-86-8	RM05696	1000 $\pm$ 5 μ g/mL
cis-chlordane	005103-71-9	RM07243	500.9 $\pm$ 2.5 μ g/mL
gamma-BHC	000058-89-9	RM02694	1003 $\pm$ 5 μ g/mL
trans-chlordane	005103-74-2	RM02726	501.5 $\pm$ 2.5 μ g/mL

Matrix: hexane/toluene (1:1)

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

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