

Certificate of Analysis

ISO Guide 34

Organochlorine Pesticide Standard

Product Number: PPM-525E

Page: 1 of 2

Lot Number: CS-5337

Lot Issue Date: 05-Nov-2018

Expiration Date: 31-Dec-2021

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent'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	RM14112	100.2 ± 0.5 µg/mL
aldrin	000309-00-2	RM00635	100.2 ± 0.5 µg/mL
cis-chlordane	005103-71-9	RM07243	100.2 ± 0.5 µg/mL
alpha-BHC	000319-84-6	RM14073	99.9 ± 0.5 µg/mL
atrazine	001912-24-9	RM10318	99.7 ± 0.5 µg/mL
beta-BHC	000319-85-7	RM13194	99.9 ± 0.5 µg/mL
chlorobenzilate	000510-15-6	RM14127	99.7 ± 0.5 µg/mL
chlorothalonil	001897-45-6	RM12171	100.1 ± 0.5 µg/mL
chloroneb	002675-77-6	RM00198	99.6 ± 0.5 µg/mL
DCPA	001861-32-1	RM13426	99.9 ± 0.5 µg/mL
delta-BHC	000319-86-8	RM09156	99.7 ± 0.5 µg/mL
4,4'-DDD	000072-54-8	RM00615	100.4 ± 0.5 µg/mL
4,4'-DDT	000050-29-3	RM06888	99.9 ± 0.5 µg/mL
4,4'-DDE	000072-55-9	RM02892	100.1 ± 0.5 µg/mL
dieldrin	000060-57-1	RM03957	100.0 ± 0.5 µg/mL
endosulfan I	000959-98-8	RM00834	99.8 ± 0.5 µg/mL
endosulfan II	033213-65-9	RM07039	100.1 ± 0.5 µg/mL
endosulfan sulfate	001031-07-8	RM12608	100.3 ± 0.5 µg/mL
endrin	000072-20-8	RM13034	99.8 ± 0.5 µg/mL
endrin aldehyde	007421-93-4	RM12540	100.3 ± 0.5 µg/mL
etridiazole	002593-15-9	RM13165	99.6 ± 0.5 µg/mL
trans-chlordane	005103-74-2	RM02726	99.9 ± 0.5 µg/mL
heptachlor	000076-44-8	RM03111	100.0 ± 0.5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM14023	99.8 ± 0.5 µg/mL
gamma-BHC	000058-89-9	RM02694	100.3 ± 0.5 µg/mL
methoxychlor	000072-43-5	RM12528	100.1 ± 0.5 µg/mL

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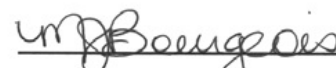
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simazine	000122-34-9	RM00622	100.3 ± 0.5 µg/mL
trans-nonachlor	039765-80-5	RM03191	100.0 ± 0.5 µg/mL
permethrins (mixed isomers,total)	052645-53-1	RM10021	199.9 ± 1.0 µg/mL

Matrix: acetone

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

Agilent 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.


Monica Bourgeois
QMS Representative