

Certificate of Analysis

ISO Guide 34

Pesticide Standard

Product Number: PSM-250-1

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Lot Number: CS-3967

Lot Issue Date: 07-Aug-2018

Expiration Date: 30-Sep-2019

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
aldrin	000309-00-2	RM00635	100.2 ± 0.5 µg/mL
alpha-BHC	000319-84-6	RM12548	100.3 ± 0.5 µg/mL
beta-BHC	000319-85-7	RM13194	99.6 ± 0.5 µg/mL
delta-BHC	000319-86-8	RM09156	99.9 ± 0.5 µg/mL
gamma-BHC	000058-89-9	RM02694	99.6 ± 0.5 µg/mL
4,4'-DDD	000072-54-8	NT00691	99.9 ± 0.5 µg/mL
4,4'-DDE	000072-55-9	RM02892	100.3 ± 0.5 µg/mL
4,4'-DDT	000050-29-3	NT01175	99.7 ± 0.5 µg/mL
dieldrin	000060-57-1	RM13088	100.1 ± 0.5 µg/mL
endosulfan I	000959-98-8	RM00834	99.8 ± 0.5 µg/mL
endosulfan II	033213-65-9	RM07039	100.3 ± 0.5 µg/mL
endosulfan sulfate	001031-07-8	RM12608	99.9 ± 0.5 µg/mL
endrin	000072-20-8	RM13034	100.1 ± 0.5 µg/mL
endrin aldehyde	007421-93-4	RM04131	99.9 ± 0.5 µg/mL
endrin ketone	053494-70-5	NT00720	100.2 ± 0.5 µg/mL
heptachlor	000076-44-8	RM03111	99.8 ± 0.5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM13830	100.2 ± 0.5 µg/mL
methoxychlor	000072-43-5	RM10269	100.3 ± 0.5 µg/mL
cis-chlordane	005103-71-9	RM07243	100.1 ± 0.5 µg/mL
trans-chlordane	005103-74-2	RM02726	100.3 ± 0.5 µg/mL
trans-nonachlor	039765-80-5	NT00528	99.8 ± 0.5 µg/mL

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Matrix: hexane/toluene (1:1)

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
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