

Certificate of Analysis

ISO Guide 34

GC Pesticide Standard #8

Product Number: PSM-100-H

Page: 1 of 2

Lot Number: CS-6053

Lot Issue Date: 11-Dec-2018

Expiration Date: 31-Jan-2021

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent Technologies ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. 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
2,4'-DDD	000053-19-0	RM02888	100.0 ± 0.5 µg/mL
2,4'-DDE	003424-82-6	RM02765	100.1 ± 0.5 µg/mL
2,4'-DDT	000789-02-6	RM02766	100.1 ± 0.5 µg/mL
4,4'-DDD	000072-54-8	RM00615	100.2 ± 0.5 µg/mL
4,4'-DDE	000072-55-9	RM02892	100.2 ± 0.5 µg/mL
4,4'-DDT	000050-29-3	RM06888	100.2 ± 0.5 µg/mL
aldrin	000309-00-2	RM00635	100.3 ± 0.5 µg/mL
alpha-BHC	000319-84-6	RM14370	99.8 ± 0.5 µg/mL
beta-BHC	000319-85-7	RM13194	100.4 ± 0.5 µg/mL
bis(2,3,3,3-tetrachloropropyl) ether	000127-90-2	RM12462	99.9 ± 0.5 µg/mL
delta-BHC	000319-86-8	RM09156	100.0 ± 0.5 µg/mL
dieldrin	000060-57-1	RM13088	100.2 ± 0.5 µg/mL
endosulfan I	000959-98-8	RM00834	100.2 ± 0.5 µg/mL
endosulfan II	033213-65-9	RM07039	100.0 ± 0.5 µg/mL
gamma-BHC	000058-89-9	RM02694	100.1 ± 0.5 µg/mL
heptachlor	000076-44-8	RM03111	100.1 ± 0.5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM00308	100.3 ± 0.5 µg/mL
hexachlorobenzene	000118-74-1	RM03125	100.0 ± 0.5 µg/mL
isodrin	000465-73-6	RM03076	99.9 ± 0.5 µg/mL
mirex	002385-85-5	RM00220	99.7 ± 0.5 µg/mL
oxychlordane	027304-13-8	RM12876	100.0 ± 0.5 µg/mL
pentachloroaniline	000527-20-8	NT01960	99.6 ± 0.5 µg/mL
pentachlorobenzene	000608-93-5	RM03776	100.0 ± 0.5 µg/mL

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Matrix: acetonitrile

Storage: Store Refrigerated (2° - 8°C).

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



ISO Guide 34 Cert No.
AR-1936

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ISO17025 Cert No.
AT-1937

ORG ver 1.1