

Certificate of Analysis

ISO Guide 34

FDA Pesticide Standard GC/LC #2

Product Number: PSM-101-M

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Lot Number: 0006458884

Lot Issue Date: 11-Apr-2019

Expiration Date: 31-May-2020

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
atrazine	001912-24-9	RM13804	100.1 ± 0.5 µg/mL
bifenazate	149877-41-8	RM13739	100.1 ± 0.5 µg/mL
cyproconazole	094361-06-5	RM09114	100.2 ± 0.5 µg/mL
dichlorvos	000062-73-7	RM11064	100.3 ± 0.5 µg/mL
diethofencarb	087130-20-9	RM09135	100.3 ± 0.5 µg/mL
difenoconazole	119446-68-3	RM07085	100.1 ± 0.5 µg/mL
dimethomorph	110488-70-5	RM14353	100.2 ± 0.5 µg/mL
ethion	000563-12-2	RM14578	100.1 ± 0.5 µg/mL
fenamidone	161326-34-7	RM14083	100.2 ± 0.5 µg/mL
fenarimol	060168-88-9	RM13668	100.1 ± 0.5 µg/mL
fenbuconazole	114369-43-6	RM13244	100.3 ± 0.5 µg/mL
isocarbofos	024353-61-5	RM06988	100.1 ± 0.5 µg/mL
penconazole	066246-88-6	RM09383	100.1 ± 0.5 µg/mL
pirimicarb	023103-98-2	RM09253	100.1 ± 0.5 µg/mL
spirodiclofen	148477-71-8	RM04943	100.0 ± 0.5 µg/mL
tebuconazole	107534-96-3	RM09149	100.2 ± 0.5 µg/mL
thiamethoxam	153719-23-4	RM09064	100.2 ± 0.5 µg/mL
triadimenol	055219-65-3	RM03453	100.3 ± 0.5 µg/mL
triazophos	024017-47-8	RM14286	100.1 ± 0.5 µg/mL
tricyclazole	041814-78-2	RM14685	100.2 ± 0.5 µg/mL

Matrix: acetonitrile



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Analyte	CAS#	Analyte Lot	True Value
Storage: Store at Room Temperature (15° to 30°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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AT-1937