

Certificate of Analysis

ISO Guide 34

LC Pesticide Standard #3

Product Number: PSM-100-O

Page: 1 of 2

Lot Number: CS-6081

Lot Issue Date: 12-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
amitraz	033089-61-1	RM09278	100.4 ± 0.5 µg/mL
bromuconazole	116255-48-2	RM09984	100.3 ± 0.5 µg/mL
cyproconazole	094361-06-5	RM09618	100.1 ± 0.5 µg/mL
demeton-s-methyl	000919-86-8	RM12553	100.1 ± 0.5 µg/mL
demeton-S-methyl sulfone	017040-19-6	RM04616	100.4 ± 0.5 µg/mL
difenoconazole	119446-68-3	RM10425	100.4 ± 0.5 µg/mL
diniconazole	083657-24-3	RM10352	100.4 ± 0.5 µg/mL
disulfoton	000298-04-4	RM14250	100.1 ± 0.5 µg/mL
disulfoton-sulfoxide	002497-07-6	RM10896	100.1 ± 0.5 µg/mL
etaconazole	060207-93-4	RM11274	100.4 ± 0.5 µg/mL
fenbuconazole	114369-43-6	RM13244	100.3 ± 0.5 µg/mL
fenthion	000055-38-9	RM14126	100.4 ± 0.5 µg/mL
fenthion-sulfoxide	003761-41-9	RM09311	100.2 ± 0.5 µg/mL
fluquinconazole	136426-54-5	RM06873	100.1 ± 0.5 µg/mL
hexaconazole	079983-71-4	RM12416	100.2 ± 0.5 µg/mL
imibenconazole	086598-92-7	RM11795	100.1 ± 0.5 µg/mL
metconazole	125116-23-6	RM12156	100.1 ± 0.5 µg/mL
oxydemeton methyl	000301-12-2	RM14417	100.4 ± 0.5 µg/mL
prothioconazole	178928-70-6	RM09269	100.1 ± 0.5 µg/mL
tebuconazole	107534-96-3	RM09149	100.3 ± 0.5 µg/mL
tetraconazole	112281-77-3	RM11301	100.1 ± 0.5 µg/mL
triticonazole	131983-72-7	RM12728	100.2 ± 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
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