

Certificate of Analysis

ISO Guide 34

FDA Pesticide Standard LC #1

Product Number: PSM-101-F

Page: 1 of 2

Lot Number: 0006458878

Lot Issue Date: 10-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
3-hydroxycarbofuran	016655-82-6	RM13675	100.1 ± 0.5 µg/mL
acephate	030560-19-1	RM14041	100.1 ± 0.5 µg/mL
acetamiprid	135410-20-7	RM10082	100.4 ± 0.5 µg/mL
carbaryl	000063-25-2	RM11068	100.3 ± 0.5 µg/mL
carbofuran	001563-66-2	RM12282	100.4 ± 0.5 µg/mL
chlorantraniliprole	500008-45-7	RM14473	100.1 ± 0.5 µg/mL
clothianidin	210880-92-5	RM03667	100.4 ± 0.5 µg/mL
cyromazine	066215-27-8	RM11879	100.1 ± 0.5 µg/mL
diflubenzuron	035367-38-5	RM02949	100.1 ± 0.5 µg/mL
dinotefuran	165252-70-0	RM10401	100.1 ± 0.5 µg/mL
imazalil	035554-44-0	RM14247	100.1 ± 0.5 µg/mL
imidacloprid	138261-41-3	RM11647	100.1 ± 0.5 µg/mL
methamidophos	010265-92-6	RM09247	100.1 ± 0.5 µg/mL
methomyl	016752-77-5	RM14356	100.2 ± 0.5 µg/mL
methoxyfenozide	161050-58-4	RM09625	100.1 ± 0.5 µg/mL
novaluron	116714-46-6	RM10976	100.2 ± 0.5 µg/mL
omethoate	001113-02-6	R0000087-1	100.4 ± 0.5 µg/mL
oxamyl	023135-22-0	RM13046	100.1 ± 0.5 µg/mL
spinosad	168316-95-8	RM09344	100.2 ± 0.5 µg/mL
thiabendazole	000148-79-8	RM09257	100.1 ± 0.5 µg/mL
thiacloprid	111988-49-9	RM14469	100.3 ± 0.5 µg/mL

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Analyte

CAS#

Analyte Lot

True Value

Matrix: acetonitrile

Storage: Store Frozen (-25° to -10°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



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AT-1937