



Certificate of Analysis

FDA Pesticide Solution LC #1

Product Number: PSM-101-F

Page: 1 of 1

Lot Number: CR-2552

Lot Issue Date: 06-Jun-2017

Expiration Date: 31-Jul-2018

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA'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
3-hydroxycarbofuran	016655-82-6	RM10771	100.4 ± 0.5 µg/mL
acephate	030560-19-1	RM11976	100.0 ± 0.5 µg/mL
acetamiprid	135410-20-7	RM11002	99.9 ± 0.5 µg/mL
carbaryl	000063-25-2	RM11254	100.4 ± 0.5 µg/mL
carbofuran	001563-66-2	RM12282	100.4 ± 0.5 µg/mL
chlorantraniliprole	500008-45-7	RM12040	100.4 ± 0.5 µg/mL
clothianidin	210880-92-5	RM10326	100.3 ± 0.5 µg/mL
cyromazine	066215-27-8	RM11879	100.3 ± 0.5 µg/mL
diflubenzuron	035367-38-5	RM02949	100.0 ± 0.5 µg/mL
dinotefuran	165252-70-0	RM10018	99.9 ± 0.5 µg/mL
imazalil	035554-44-0	RM12053	100.1 ± 0.5 µg/mL
imidacloprid	138261-41-3	RM09874	100.3 ± 0.5 µg/mL
methamidophos	010265-92-6	RM10856	100.1 ± 0.5 µg/mL
methomyl	016752-77-5	RM10773	100.1 ± 0.5 µg/mL
methoxyfenozide	161050-58-4	RM11352	100.0 ± 0.5 µg/mL
novaluron	116714-46-6	RM10976	100.0 ± 0.5 µg/mL
omethoate	001113-02-6	RM09299	99.9 ± 0.5 µg/mL
oxamyl	023135-22-0	RM03173	100.0 ± 0.5 µg/mL
spinosad	168316-95-8	RM09344	100.1 ± 0.5 µg/mL
thiabendazole	000148-79-8	RM09257	99.9 ± 0.5 µg/mL
thiacloprid	111988-49-9	RM12140	100.3 ± 0.5 µg/mL

Matrix: acetonitrile

Storage: Store Frozen (-25° to -10°C).

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



ISO 9001
Registered
TUV USA, Inc.

John Russo
President

Monica Bourgeois
Director of QA/RA