



Certificate of Analysis

Oregon Pesticide Mixture 3

Product Number: SOR-120-1

Page: 1 of 1

Lot Number: CS-3079

Lot Issue Date: 04-Jun-2018

Expiration Date: 31-Jul-2019

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's 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
oxamyl	023135-22-0	RM03172	100.4 ± 0.5 µg/mL
paclobutrazol	076738-62-0	RM11880	100.1 ± 0.5 µg/mL
permethrins (mixed isomers,total)	052645-53-1	RM10021	100.1 ± 0.5 µg/mL
phosmet	000732-11-6	RM03255	100.3 ± 0.5 µg/mL
piperonyl butoxide	000051-03-6	RM01751	100.4 ± 0.5 µg/mL
propiconazole	060207-90-1	RM10351	100.4 ± 0.5 µg/mL
propoxur	000114-26-1	RM11363	100.4 ± 0.5 µg/mL
pyrethrins	008003-34-7	RM12168	100.3 ± 0.5 µg/mL
pyridaben	096489-71-3	RM04048	100.4 ± 0.5 µg/mL
spinosad	168316-95-8	RM10676	100.3 ± 0.5 µg/mL
spiromesifen	283594-90-1	RM11938	100.2 ± 0.5 µg/mL
spirotetramat	203313-25-1	RM11902	100.3 ± 0.5 µg/mL
spiroxamine	118134-30-8	RM11361	100.3 ± 0.5 µg/mL
tebuconazole	107534-96-3	RM09149	100.1 ± 0.5 µg/mL
thiacloprid	111988-49-9	RM12140	100.3 ± 0.5 µg/mL
thiamethoxam	153719-23-4	RM09064	100.4 ± 0.5 µg/mL
trifloxystrobin	141517-21-7	RM10705	100.1 ± 0.5 µg/mL
prallethrin	023031-36-9	RM12055	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