



Certificate of Analysis

Organophosphorous Pesticides Mixture

Product Number: SPM-622A

Page: 1 of 1

Lot Number: CP-3401

Lot Issue Date: 19-Jul-2016

Expiration Date: 31-Aug-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
fensulfothion	000115-90-2	RM09650	150.0 ± 0.8 µg/mL
guthion	000086-50-0	RM06810	150.6 ± 0.8 µg/mL
coumaphos	000056-72-4	RM09648	149.7 ± 0.7 µg/mL
demeton (total, mixed isomers)	008065-48-3	RM09067	25.1 ± 0.1 µg/mL
phorate	000298-02-2	RM09649	15.0 ± 0.1 µg/mL
disulfoton	000298-04-4	RM05013	19.9 ± 0.1 µg/mL
trichloronate	000327-98-0	RM07348	15.1 ± 0.1 µg/mL
fenthion	000055-38-9	RM10005	9.96 ± 0.05 µg/mL
tokuthion	034643-46-4	RM06645	50.0 ± 0.3 µg/mL
bolstar	035400-43-2	RM09392	15.0 ± 0.1 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (15° to 30°C).

ULTRA 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.



ISO 9001
Registered
TUV USA, Inc.

John Russo
President

Peter A. King, Ph.D.
VP, Technical Operations