

Certificate of Analysis

Organophosphorous Pesticides Mixture

Product Number: SPM-622A**Page:** 1 of 1**Lot Number:** CS-3165**Lot Issue Date:** 08-Jun-2018**Expiration Date:** 31-Jul-2020

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	RM13471	149.4 ± 0.7 µg/mL
guthion	000086-50-0	RM12019	149.7 ± 0.7 µg/mL
coumaphos	000056-72-4	RM12738	149.5 ± 0.7 µg/mL
demeton (total, mixed isomers)	008065-48-3	RM13709	25.0 ± 0.1 µg/mL
phorate	000298-02-2	RM13473	15.1 ± 0.1 µg/mL
disulfoton	000298-04-4	RM13472	19.9 ± 0.1 µg/mL
trichloronate	000327-98-0	RM13711	15.0 ± 0.1 µg/mL
fenthion	000055-38-9	RM12964	10.0 ± 0.1 µg/mL
tokuthion	034643-46-4	RM12635	50.0 ± 0.3 µg/mL
bolstar	035400-43-2	RM12017	14.9 ± 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.