



Certificate of Analysis

Organophosphorous Pesticides Mixture

Product Number: SPM-614

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Lot Number: CR-1123

Lot Issue Date: 21-Mar-2017

Expiration Date: 30-Apr-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
guthion	000086-50-0	RM12019	200.9 ± 1.0 µg/mL
demeton (total, mixed isomers)	008065-48-3	RM10646	199.3 ± 1.0 µg/mL
diazinon	000333-41-5	RM12216	200.0 ± 1.0 µg/mL
disulfoton	000298-04-4	RM09195	199.8 ± 1.0 µg/mL
ethion	000563-12-2	RM06977	201.0 ± 1.0 µg/mL
malathion	000121-75-5	RM12444	199.9 ± 1.0 µg/mL
parathion (ethyl)	000056-38-2	RM11991	200.0 ± 1.0 µg/mL
methyl parathion	000298-00-0	RM10613	199.0 ± 1.0 µg/mL

Matrix: acetone

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
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