



Certificate of Analysis

Organophosphorous Pesticides Mixture

Product Number: SPM-614

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Lot Number: CH-2176

Lot Issue Date: 08-Jul-2011

Expiration Date: 31-Aug-2012

This Certified 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	238-49B	200.0 ± 1.0 µg/mL
demeton (total, mixed isomers)	008065-48-3	251-131B	199.5 ± 1.0 µg/mL
diazinon	000333-41-5	435-152B	200.0 ± 1.0 µg/mL
disulfoton	000298-04-4	444-1014B	200.0 ± 1.0 µg/mL
ethion	000563-12-2	418-5B	200.0 ± 1.0 µg/mL
malathion	000121-75-5	ER053105-01	200.0 ± 1.0 µg/mL
parathion (ethyl)	000056-38-2	RM01399	200.0 ± 1.0 µg/mL
methyl parathion	000298-00-0	RM01401	200.0 ± 1.0 µg/mL

Matrix: acetone

Storage: Store at Room Temperature (18-25° 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 17025:2005
Accredited
A2LA
Cert. No. 0851-01

ISO 9001:2008
Registered
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Cert. No. 09-1009

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