



Certificate of Analysis

Organophosphorous Pesticides Mixture

Product Number: SPM-824

Page: 1 of 2

Lot Number: CJ-1485

Lot Issue Date: 24-Apr-2012

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	RM03179	201.0 ± 1.0 µg/mL
bolstar	035400-43-2	RM04166	200.5 ± 1.0 µg/mL
chlorpyrifos	002921-88-2	RM04125	201.0 ± 1.0 µg/mL
coumaphos	000056-72-4	RM04556	201.0 ± 1.0 µg/mL
demeton (total, mixed isomers)	008065-48-3	RM05008	200.3 ± 1.0 µg/mL
diazinon	000333-41-5	RM04557	201.0 ± 1.0 µg/mL
dichlorvos	000062-73-7	RM03996	201.0 ± 1.0 µg/mL
disulfoton	000298-04-4	RM02762	201.0 ± 1.0 µg/mL
ethoprop	013194-48-4	RM02962	201.0 ± 1.0 µg/mL
fensulfothion	000115-90-2	RM04563	200.6 ± 1.0 µg/mL
fenthion	000055-38-9	RM02970	201.0 ± 1.0 µg/mL
merphos	000150-50-5	RM05009	201.0 ± 1.0 µg/mL
methyl parathion	000298-00-0	RM05004	201.0 ± 1.0 µg/mL
mevinphos	007786-34-7	RM01357	200.7 ± 1.0 µg/mL
naled	000300-76-5	RM01691	201.0 ± 1.0 µg/mL
phorate	000298-02-2	RM03334	201.0 ± 1.0 µg/mL
fenchlorphos	000299-84-3	RM01695	201.0 ± 1.0 µg/mL
tetrachlorvinphos	000961-11-5	RM04839	201.0 ± 1.0 µg/mL
tokuthion	034643-46-4	NT00682	201.0 ± 1.0 µg/mL

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.



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William J. Leary
Quality Assurance Manager



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trichloronate	000327-98-0	RM01648	201.0 ± 1.0 µg/mL
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Matrix: hexane/acetone (1:1)

Storage: Store at Room Temperature (18-25° C)

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