

Certificate of Analysis

Organophosphorous Pesticides Mixture

Product Number: SPM-824

Page: 1 of 1

Lot Number: CP-2414

Lot Issue Date: 17-May-2016

Expiration Date: 30-Sep-2016

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	RM06810	199.5 ± 1.0 µg/mL
bolstar	035400-43-2	RM04166	199.5 ± 1.0 µg/mL
chlorpyrifos	002921-88-2	RM09586	201.0 ± 1.0 µg/mL
coumaphos	000056-72-4	RM09648	200.6 ± 1.0 µg/mL
demeton (total, mixed isomers)	008065-48-3	RM10392	199.3 ± 1.0 µg/mL
diazinon	000333-41-5	RM09507	200.4 ± 1.0 µg/mL
dichlorvos	000062-73-7	RM11064	200.7 ± 1.0 µg/mL
disulfoton	000298-04-4	RM05013	199.3 ± 1.0 µg/mL
ethoprop	013194-48-4	RM10504	199.6 ± 1.0 µg/mL
fensulfothion	000115-90-2	RM09650	199.4 ± 1.0 µg/mL
fenthion	000055-38-9	RM06840	200.2 ± 1.0 µg/mL
merphos	000150-50-5	RM11160	200.1 ± 1.0 µg/mL
methyl parathion	000298-00-0	RM10613	201.0 ± 1.0 µg/mL
mevinphos	007786-34-7	RM10675	200.5 ± 1.0 µg/mL
naled	000300-76-5	RM10852	199.7 ± 1.0 µg/mL
phorate	000298-02-2	RM11553	199.9 ± 1.0 µg/mL
fenchlorphos	000299-84-3	RM06524	199.8 ± 1.0 µg/mL
tetrachlorvinphos	022248-79-9	RM05693	201.0 ± 1.0 µg/mL
tokuthion	034643-46-4	RM10210	200.0 ± 1.0 µg/mL
trichloronate	000327-98-0	RM10691	201.0 ± 1.0 µg/mL

Matrix: hexane/acetone (1:1)

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.