

Certificate of Analysis

Organophosphorous Pesticides Mixture

Product Number: SPM-824

Page: 1 of 2

Lot Number: CG-2002

Lot Issue Date: May-2010

Expiration Date: Sep-2010

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	201.0 ± 1.0 µg/mL
bolstar	035400-43-2	242-116A	200.5 ± 1.0 µg/mL
chlorpyrifos	002921-88-2	426-140A	201.0 ± 1.0 µg/mL
coumaphos	000056-72-4	200-47C	201.0 ± 1.0 µg/mL
demeton (total, mixed isomers)	008065-48-3	251-131B	200.4 ± 1.0 µg/mL
diazinon	000333-41-5	422-64A	201.0 ± 1.0 µg/mL
dichlorvos	000062-73-7	SZE9140X	201.0 ± 1.0 µg/mL
disulfoton	000298-04-4	389-33B	201.0 ± 1.0 µg/mL
ethoprop	013194-48-4	234-16B	201.0 ± 1.0 µg/mL
fensulfothion	000115-90-2	SZE8016X208-5	201.0 ± 1.0 µg/mL
fenthion	000055-38-9	208-52B	201.0 ± 1.0 µg/mL
merphos	000150-50-5	431-62B	201.0 ± 1.0 µg/mL
methyl parathion	000298-00-0	429-107A	201.0 ± 1.0 µg/mL
mevinphos	007786-34-7	390-66A	200.5 ± 1.0 µg/mL
naled	000300-76-5	21100X	201.0 ± 1.0 µg/mL
phorate	000298-02-2	428-120A	201.0 ± 1.0 µg/mL
fenchlorphos	000299-84-3	7197X	201.0 ± 1.0 µg/mL
tetrachlorvinphos	000961-11-5	302-78A	201.0 ± 1.0 µg/mL
tokuthion	034643-46-4	287-32B	200.5 ± 1.0 µg/mL
trichloronate	000327-98-0	421-49A	201.0 ± 1.0 µg/mL

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.



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William J. Leary
Quality Assurance Manager

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Analyte

CAS#

Analyte Lot

True Value

Matrix: hexane/acetone (1:1)

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