

Certificate of Analysis

Organophosphorus Pesticides Mixture

Product Number: SPM-844A

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Lot Number: CG-0335

Lot Issue Date: Feb-2010

Expiration Date: Feb-2013

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
azinphos-ethyl	002642-71-9	274-21A	200.0 ± 1.0 µg/mL
carbophenothion	000786-19-6	229-95B	201.0 ± 1.0 µg/mL
chlorfenvinphos	000470-90-6	7177X	201.0 ± 1.0 µg/mL
dioxathion	000078-34-2	277-132A	200.0 ± 1.0 µg/mL
ethion	000563-12-2	418-5B	200.0 ± 1.0 µg/mL
famphur	000052-85-7	295-139B	200.0 ± 1.0 µg/mL
leptophos	021609-90-5	116-132C	200.0 ± 1.0 µg/mL
phosmet	000732-11-6	223-101B	201.0 ± 1.0 µg/mL
phosphamidon	013171-21-6	209-12A	201.0 ± 1.0 µg/mL
terbufos	013071-79-9	241-93A	201.0 ± 1.0 µg/mL

Matrix: hexane/acetone (1:1)

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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