



Certificate of Analysis

Organophosphorus Pesticides Mixture

Product Number: SPM-844A

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Lot Number: CK-4189

Lot Issue Date: 19-Dec-2013

Expiration Date: 31-Jan-2017

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
azinthos-ethyl	002642-71-9	NT01982	200.0 ± 1.0 µg/mL
carbophenothion	000786-19-6	RM01632	200.0 ± 1.0 µg/mL
chlorfenvinphos	000470-90-6	RM06544	200.2 ± 1.0 µg/mL
dioxathion	000078-34-2	RM04620	199.8 ± 1.0 µg/mL
ethion	000563-12-2	RM07079	200.0 ± 1.0 µg/mL
famphur	000052-85-7	RM02965	199.9 ± 1.0 µg/mL
leptophos	021609-90-5	RM03134	200.0 ± 1.0 µg/mL
phosmet	000732-11-6	NT01807	200.0 ± 1.0 µg/mL
phosphamidon	013171-21-6	RM03263	199.9 ± 1.0 µg/mL
terbufos	013071-79-9	NT01915	199.6 ± 1.0 µg/mL

Matrix: hexane/acetone (1:1)

Storage: Store at Room Temperature (15-30°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.



ISO 17025:2005
Accredited
A2LA
Cert. No. 0851-01

ISO 9001:2008
Registered
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250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
www.ultrasci.com

William J. Leary
Quality Assurance Manager