



Certificate of Analysis

Organophosphorus Pesticides Mixture

Product Number: SPM-844A

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Lot Number: CP-0439

Lot Issue Date: 03-Feb-2016

Expiration Date: 31-Mar-2019

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
azinphos-ethyl	002642-71-9	RM10895	200.0 ± 1.0 µg/mL
carbophenothion	000786-19-6	RM07084	200.6 ± 1.0 µg/mL
chlorfenvinphos	000470-90-6	RM09164	200.3 ± 1.0 µg/mL
dioxathion	000078-34-2	RM04620	200.8 ± 1.0 µg/mL
ethion	000563-12-2	RM06977	200.0 ± 1.0 µg/mL
famphur	000052-85-7	RM09302	201.0 ± 1.0 µg/mL
leptophos	021609-90-5	RM03132	201.0 ± 1.0 µg/mL
phosmet	000732-11-6	RM03255	200.0 ± 1.0 µg/mL
phosphamidon	013171-21-6	RM10256	201.0 ± 1.0 µg/mL
terbufos	013071-79-9	NT01915	200.0 ± 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/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
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