



# Certificate of Analysis

## Organophosphorous Pesticides Mixture

**Product Number:** SPM-622C

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**Lot Number:** CR-0714

**Lot Issue Date:** 21-Feb-2017

**Expiration Date:** 31-Mar-2019

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. 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       |
|---------------------|-------------|-------------|------------------|
| ethoprop            | 013194-48-4 | RM09752     | 24.9 ± 0.1 µg/mL |
| methyl parathion    | 000298-00-0 | RM09304     | 30.0 ± 0.2 µg/mL |
| fenchlorphos        | 000299-84-3 | RM09170     | 29.9 ± 0.1 µg/mL |
| chlorpyrifos-methyl | 005598-13-0 | RM10219     | 30.0 ± 0.2 µg/mL |
| chlorpyrifos        | 002921-88-2 | RM09586     | 29.9 ± 0.1 µg/mL |
| merphos             | 000150-50-5 | RM09506     | 25.1 ± 0.1 µg/mL |
| diazinon            | 000333-41-5 | RM09507     | 59.9 ± 0.3 µg/mL |

**Matrix:** hexane

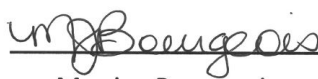
**Storage:** Store at Room Temperature (15° to 30°C).

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.



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