

## Certificate of Analysis

### ISO Guide 34

#### GC Pesticide Standard #1

**Product Number:** PSM-100-A

**Page:** 1 of 2

**Lot Number:** CS-5989

**Lot Issue Date:** 06-Dec-2018

**Expiration Date:** 31-Jan-2021

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent Technologies 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        |
|---------------------|-------------|-------------|-------------------|
| bromophos-methyl    | 002104-96-3 | RM02691     | 100.0 ± 0.5 µg/mL |
| carbophenothion     | 000786-19-6 | RM13292     | 100.4 ± 0.5 µg/mL |
| chlorpropham        | 000101-21-3 | RM02854     | 100.0 ± 0.5 µg/mL |
| chlorpyrifos        | 002921-88-2 | RM14246     | 99.5 ± 0.5 µg/mL  |
| chlorpyrifos-methyl | 005598-13-0 | RM09206     | 99.6 ± 0.5 µg/mL  |
| coumaphos           | 000056-72-4 | RM14165     | 99.7 ± 0.5 µg/mL  |
| cyanofenphos        | 013067-93-1 | RM13567     | 100.0 ± 0.5 µg/mL |
| cyanophos           | 002636-26-2 | RM02769     | 100.0 ± 0.5 µg/mL |
| diflufenican        | 083164-33-4 | RM09143     | 99.7 ± 0.5 µg/mL  |
| dioxathion          | 000078-34-2 | RM13710     | 100.0 ± 0.5 µg/mL |
| DMST                | 066840-71-9 | RM10025     | 99.9 ± 0.5 µg/mL  |
| EPN                 | 002104-64-5 | RM02903     | 100.0 ± 0.5 µg/mL |
| hexaflumuron        | 086479-06-3 | RM14081     | 100.3 ± 0.5 µg/mL |
| iprodione           | 036734-19-7 | RM13855     | 99.5 ± 0.5 µg/mL  |
| piperonyl butoxide  | 000051-03-6 | RM01751     | 100.5 ± 0.5 µg/mL |

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**Matrix:** acetonitrile

**Storage:** Store Refrigerated (2° - 8°C).

Agilent 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.

  
Monica Bourgeois  
QMS Representative