

# Certificate of Analysis

## ISO Guide 34

### Organochloride Pesticide Standard

**Product Number:** US-102BN-1

**Page:** 1 of 2

**Lot Number:** 0006467620

**Lot Issue Date:** 30-May-2019

**Expiration Date:** 30-Jun-2022

This ISO Guide 34 Reference Material (RM) was manufactured and verified in accordance with Agilent'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      |
|-------------------------------|-------------|-------------|-----------------|
| aldrin                        | 000309-00-2 | RM00635     | 2006 ± 10 µg/mL |
| alpha-BHC                     | 000319-84-6 | RM14886-01  | 2004 ± 10 µg/mL |
| beta-BHC                      | 000319-85-7 | RM14425-01  | 2004 ± 10 µg/mL |
| delta-BHC                     | 000319-86-8 | RM09156     | 2000 ± 10 µg/mL |
| gamma-BHC                     | 000058-89-9 | RM02694     | 2006 ± 10 µg/mL |
| 4,4'-DDD                      | 000072-54-8 | NT00691     | 2001 ± 10 µg/mL |
| 4,4'-DDE                      | 000072-55-9 | RM02892     | 2007 ± 10 µg/mL |
| 4,4'-DDT                      | 000050-29-3 | RM00618     | 2002 ± 10 µg/mL |
| dieldrin                      | 000060-57-1 | RM14403-02  | 2003 ± 10 µg/mL |
| endosulfan I                  | 000959-98-8 | RM00834     | 2002 ± 10 µg/mL |
| endosulfan II                 | 033213-65-9 | RM07039     | 2006 ± 10 µg/mL |
| endosulfan sulfate            | 001031-07-8 | RM06741     | 2005 ± 10 µg/mL |
| endrin                        | 000072-20-8 | R4459-1     | 2001 ± 10 µg/mL |
| endrin aldehyde               | 007421-93-4 | RM12540     | 2001 ± 10 µg/mL |
| heptachlor                    | 000076-44-8 | RM03111     | 2007 ± 10 µg/mL |
| heptachlor epoxide - isomer B | 001024-57-3 | RM14996-01  | 2002 ± 10 µg/mL |

**Matrix:** hexane/toluene (1:1)

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

Agilent 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.



ISO Guide 34 Cert No.  
AR-1936

Produced in accordance with TUV USA Inc 56 100 18560026  
registered ISO 9001 Quality Management System



ISO17025 Cert No.  
AT-1937

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Analyte

CAS#

Analyte Lot

True Value



Monica Bourgeois  
QMS Representative