



## Certificate of Analysis

### Pesticide Checkout Std. (100 µg/L)

**Agilent Part  
Number:** 5190-0494

**Sample Lot  
Number:** CS-1846

This analytical reference material was manufactured and verified in accordance with an ISO 9001 registered quality system, and the analyte concentrations were verified by an ISO 17025 accredited laboratory. The certified value for each analyte was determined gravimetrically.

| Analyte             | CAS#        | Analyte Lot | Purity % | Certified Value  |
|---------------------|-------------|-------------|----------|------------------|
| dichlorvos          | 000062-73-7 | RM11354     | 98.4     | 100.2 ± 0.5 µg/L |
| mevinphos           | 007786-34-7 | RM09377     | 98.1     | 100.1 ± 0.5 µg/L |
| ethalfluralin       | 055283-68-6 | RM03735     | 99.5     | 100.1 ± 0.5 µg/L |
| trifluralin         | 001582-09-8 | RM11013     | 99.5     | 100.1 ± 0.5 µg/L |
| atrazine            | 001912-24-9 | RM10318     | 98.7     | 100.1 ± 0.5 µg/L |
| chlorpyrifos-methyl | 005598-13-0 | RM09206     | 99.6     | 100.2 ± 0.5 µg/L |
| heptachlor          | 000076-44-8 | RM03111     | 99.9     | 100.1 ± 0.5 µg/L |
| malathion           | 000121-75-5 | RM12444     | 98.0     | 100.5 ± 0.5 µg/L |
| dieldrin            | 000060-57-1 | RM03957     | 98.0     | 100.3 ± 0.5 µg/L |
| 4,4'-DDE            | 000072-55-9 | RM02892     | 99.9     | 100.1 ± 0.5 µg/L |
| hexazinone          | 051235-04-2 | RM13246     | 99.5     | 100.2 ± 0.5 µg/L |
| propargite          | 002312-35-8 | RM12061     | 98.9     | 100.3 ± 0.5 µg/L |
| mirex               | 002385-85-5 | RM13031     | 97.9     | 100.3 ± 0.5 µg/L |
| fenarimol           | 060168-88-9 | RM07334     | 99.9     | 100.4 ± 0.5 µg/L |
| coumaphos           | 000056-72-4 | RM12738     | 99.4     | 100.4 ± 0.5 µg/L |
| ethofenprox         | 080844-07-1 | RM09144     | 99.8     | 100.1 ± 0.5 µg/L |
| deltamethrin        | 052918-63-5 | RM10595     | 99.5     | 99.8 ± 0.5 µg/L  |

**Solvent:** acetone

Calibrated Class A glassware and clean bottles were used in the manufacture of this standard. Balances used in the manufacture of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.

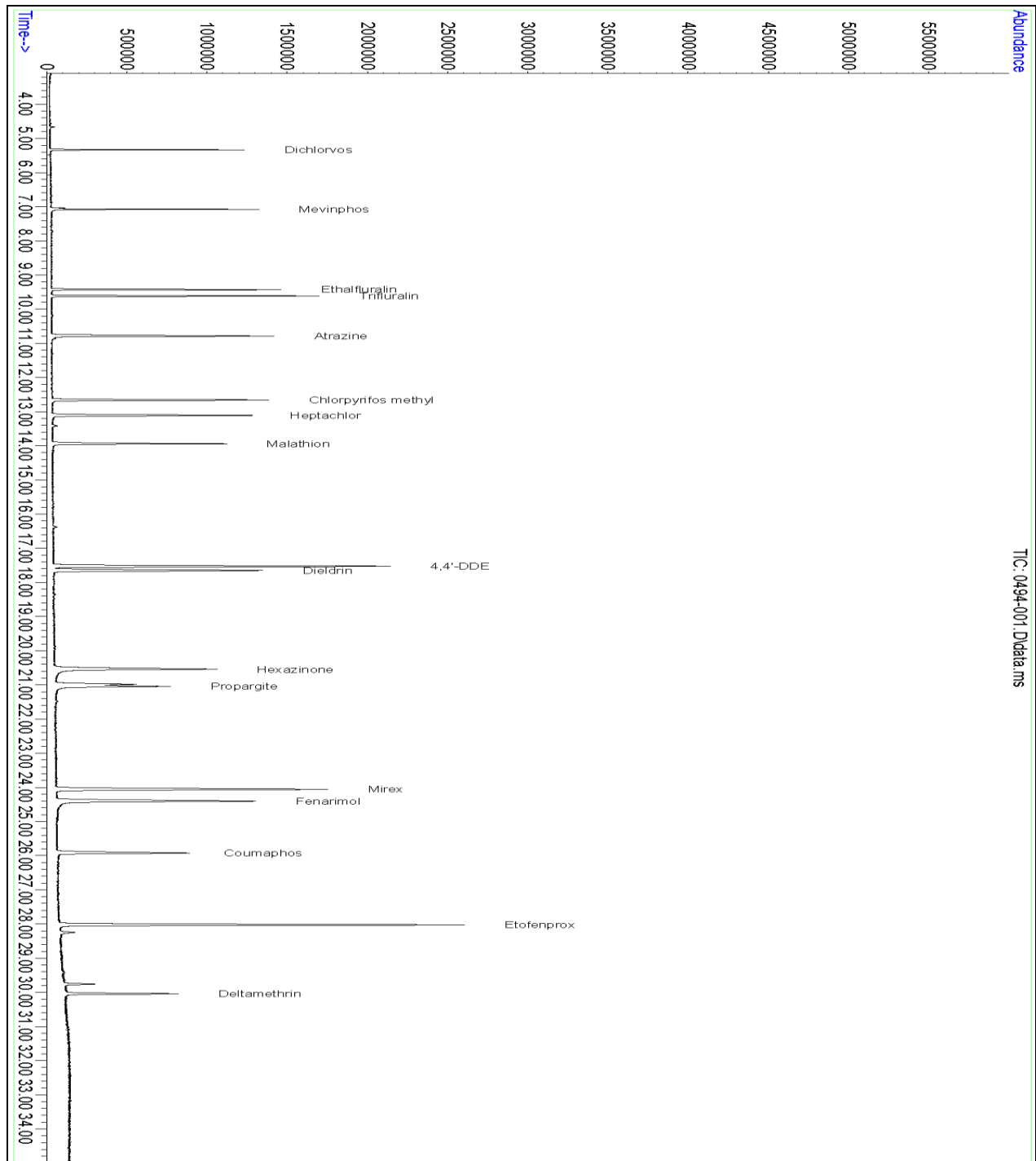
**Date of release:** 13 April 2018  
**Date of expiration:** 31 May 2019

  
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Director of QA/RA



Agilent Technologies



  
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