



## Certificate of Analysis

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

**Agilent Part  
Number:** 5190-0494

**Sample Lot  
Number:** CJ-3775

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The certified value and uncertainty value for each analyte is determined gravimetrically.

| Analyte             | CAS#        | Analyte Lot | Purity % | True Value       |
|---------------------|-------------|-------------|----------|------------------|
| dichlorvos          | 000062-73-7 | RM05175     | 98.9     | 100.3 ± 0.5 µg/L |
| mevinphos           | 007786-34-7 | RM01357     | 95.1     | 100.2 ± 0.5 µg/L |
| ethalfluralin       | 055283-68-6 | RM03918     | 98       | 100.4 ± 0.5 µg/L |
| trifluralin         | 001582-09-8 | NT02139     | 99.9     | 100.3 ± 0.5 µg/L |
| atrazine            | 001912-24-9 | RM03843     | 98.1     | 100.5 ± 0.5 µg/L |
| chlorpyrifos-methyl | 005598-13-0 | RM01454     | 98.7     | 100.3 ± 0.5 µg/L |
| heptachlor          | 000076-44-8 | RM03111     | 99.9     | 100.3 ± 0.5 µg/L |
| malathion           | 000121-75-5 | RM01045     | 99       | 100.4 ± 0.5 µg/L |
| dieldrin            | 000060-57-1 | RM03957     | 99.4     | 100.2 ± 0.5 µg/L |
| 4,4'-DDE            | 000072-55-9 | RM02892     | 99.9     | 100.3 ± 0.5 µg/L |
| hexazinone          | 051235-04-2 | RM03124     | 99.5     | 100.3 ± 0.5 µg/L |
| propargite          | 002312-35-8 | RM03259     | 96       | 100.2 ± 0.5 µg/L |
| mirex               | 002385-85-5 | RM00220     | 99       | 100.2 ± 0.5 µg/L |
| fenarimol           | 060168-88-9 | RM02969     | 99.9     | 100.3 ± 0.5 µg/L |
| coumaphos           | 000056-72-4 | RM04556     | 99.5     | 100.3 ± 0.5 µg/L |
| ethofenprox         | 080844-07-1 | RM03732     | 99.3     | 100.3 ± 0.5 µg/L |
| deltamethrin        | 052918-63-5 | RM03832     | 99.3     | 100.3 ± 0.5 µg/L |

**Solvent:** acetone

ULTRA Scientific uses calibrated Class A glassware and clean bottles in the manufacture of ULTRA standards. 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.

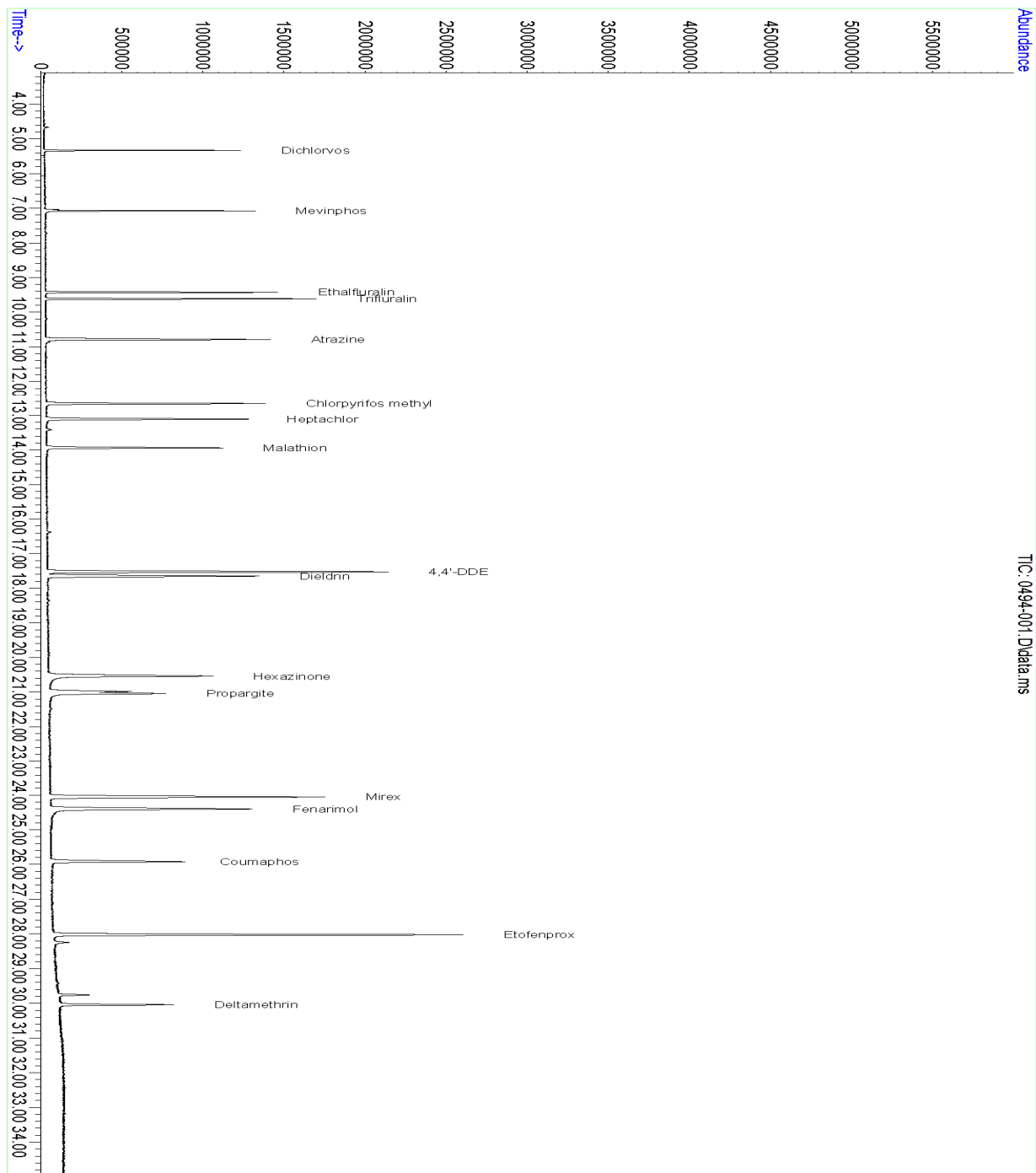
**Date of release:** 18 December 2012

**Date of expiration:** 30 November 2013

  
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