

Custom Standard

Product Number: CUS-6504

Page: 1 of 4

Lot Number: CH-0795

Lot Issue Date: 16-Mar-2011

Expiration Date: 31-Jul-2011

This Certified 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 |
|-----------------------------|-------------|-------------|------------------|
| 1,1-dichloroethane | 000075-34-3 | 64552/1 | 10.0 ± 0.1 µg/mL |
| 1,1-dichloroethene | 000075-35-4 | 02226CH | 10.0 ± 0.1 µg/mL |
| 1,1-dichloropropene | 000563-58-6 | PR11130-8 | 10.0 ± 0.1 µg/mL |
| 1,1,1-trichloroethane | 000071-55-6 | LU-13149TR | 10.0 ± 0.1 µg/mL |
| 1,1,1,2-tetrachloroethane | 000630-20-6 | 10312DD | 10.0 ± 0.1 µg/mL |
| 1,1,2-trichloroethane | 000079-00-5 | JB-0701HH | 10.0 ± 0.1 µg/mL |
| 1,1,2,2-tetrachloroethane | 000079-34-5 | 10917TB | 10.0 ± 0.1 µg/mL |
| 1,2-dibromo-3-chloropropane | 000096-12-8 | FBL-01 | 10.0 ± 0.1 µg/mL |
| 1,2-dibromoethane | 000106-93-4 | TB-101777 | 10.0 ± 0.1 µg/mL |
| 1,2-dichlorobenzene | 000095-50-1 | 08946KY | 10.0 ± 0.1 µg/mL |
| 1,2-dichloroethane | 000107-06-2 | KN-09446KN | 10.0 ± 0.1 µg/mL |
| 1,2-dichloropropane | 000078-87-5 | DC-120777 | 10.0 ± 0.1 µg/mL |
| 1,2,3-trichlorobenzene | 000087-61-6 | 12912PF | 10.0 ± 0.1 µg/mL |
| 1,2,3-trichloropropane | 000096-18-4 | 01610KH | 10.0 ± 0.1 µg/mL |
| 1,2,4-trichlorobenzene | 000120-82-1 | 00334TQ | 10.0 ± 0.1 µg/mL |
| 1,2,4-trimethylbenzene | 000095-63-6 | BO-13528BI | 10.0 ± 0.1 µg/mL |
| 1,3-dichlorobenzene | 000541-73-1 | JN-05902LZ | 10.0 ± 0.1 µg/mL |
| 1,3-dichloropropane | 000142-28-9 | PR-17916MR | 10.0 ± 0.1 µg/mL |
| 1,3,5-trimethylbenzene | 000108-67-8 | KM-02011HM | 10.0 ± 0.1 µg/mL |
| 1,4-dichlorobenzene | 000106-46-7 | 22628EB | 10.0 ± 0.1 µg/mL |

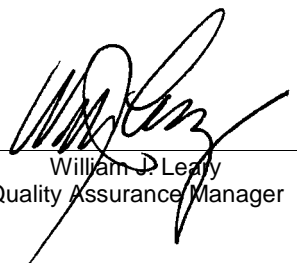
ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



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| 2-chlorotoluene | 000095-49-8 | KZ-03621HX | 10.0 ± 0.1 µg/mL |
| 2,2-dichloropropane | 000594-20-7 | 03503TD | 10.0 ± 0.1 µg/mL |
| 4-chlorotoluene | 000106-43-4 | 03327TH | 10.0 ± 0.1 µg/mL |
| benzene | 000071-43-2 | 34097 | 10.0 ± 0.1 µg/mL |
| bromobenzene | 000108-86-1 | CG-02513MF | 10.0 ± 0.1 µg/mL |
| bromochloromethane | 000074-97-5 | JS-16015HS | 10.0 ± 0.1 µg/mL |
| bromoform | 000075-25-2 | 12312KC | 10.0 ± 0.1 µg/mL |
| bromomethane | 000074-83-9 | 06623AQ | 10.0 ± 0.1 µg/mL |
| carbon tetrachloride | 000056-23-5 | 01704MF | 10.0 ± 0.1 µg/mL |
| chlorobenzene | 000108-90-7 | 07774MG | 10.0 ± 0.1 µg/mL |
| chloroethane | 000075-00-3 | 00223KG | 10.0 ± 0.1 µg/mL |
| chloroform | 000067-66-3 | 05143MN | 10.0 ± 0.1 µg/mL |
| chloromethane | 000074-87-3 | 07-44048 | 10.0 ± 0.1 µg/mL |
| cis-1,2-dichloroethene | 000156-59-2 | MKBB9714 | 10.0 ± 0.1 µg/mL |
| cis-1,3-dichloropropene | 010061-01-5 | PR-110509-01 | 10.0 ± 0.1 µg/mL |
| dibromochloromethane | 000124-48-1 | CU-07705AN | 10.0 ± 0.1 µg/mL |
| dibromomethane | 000074-95-3 | EM-01514TJ | 10.0 ± 0.1 µg/mL |
| bromodichloromethane | 000075-27-4 | 10529HD | 10.0 ± 0.1 µg/mL |
| dichlorodifluoromethane | 000075-71-8 | N960053 | 10.0 ± 0.1 µg/mL |
| dichloromethane | 000075-09-2 | 48191 | 10.0 ± 0.1 µg/mL |
| ethylbenzene | 000100-41-4 | 01558CC | 10.0 ± 0.1 µg/mL |
| hexachlorobutadiene | 000087-68-3 | 339923/1 | 10.0 ± 0.1 µg/mL |
| isopropylbenzene | 000098-82-8 | 02827BH | 10.0 ± 0.1 µg/mL |
| m-xylene | 000108-38-3 | DI-00459CI | 10.0 ± 0.1 µg/mL |

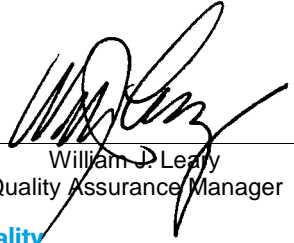
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| MTBE | 001634-04-4 | 45123 | 10.0 ± 0.1 µg/mL |
| naphthalene | 000091-20-3 | 14205KB | 10.0 ± 0.1 µg/mL |
| n-butylbenzene | 000104-51-8 | AA-28519CO | 10.0 ± 0.1 µg/mL |
| n-propylbenzene | 000103-65-1 | LO-14503MR | 10.0 ± 0.1 µg/mL |
| o-xylene | 000095-47-6 | DO-06834CO | 10.0 ± 0.1 µg/mL |
| 4-isopropyltoluene | 000099-87-6 | PP-05104CP | 10.0 ± 0.1 µg/mL |
| p-xylene | 000106-42-3 | 03747LN | 10.0 ± 0.1 µg/mL |
| sec-butylbenzene | 000135-98-8 | 07610JE | 10.0 ± 0.1 µg/mL |
| styrene | 000100-42-5 | LR-11228MQ | 10.0 ± 0.1 µg/mL |
| tert-butylbenzene | 000098-06-6 | MQ-04010MQ | 10.0 ± 0.1 µg/mL |
| tetrachloroethene | 000127-18-4 | PS-00344BR | 10.0 ± 0.1 µg/mL |
| toluene | 000108-88-3 | 47144 | 10.0 ± 0.1 µg/mL |
| trans-1,2-dichloroethene | 000156-60-5 | 01306HD | 10.0 ± 0.1 µg/mL |
| trans-1,3-dichloropropene | 010061-02-6 | SR-101007-01 | 10.0 ± 0.1 µg/mL |
| trichloroethene | 000079-01-6 | KN-08846KN | 10.0 ± 0.1 µg/mL |
| trichlorofluoromethane | 000075-69-4 | DR-16417BR | 10.0 ± 0.1 µg/mL |
| vinyl chloride | 000075-01-4 | 0923HC10 | 10.0 ± 0.1 µg/mL |
| trans-1,4-dichloro-2-butene | 000110-57-6 | JN-01422DG | 100.3 ± 0.5 µg/mL |
| 2-chloroethylvinyl ether | 000110-75-8 | KS-12708TN | 100.4 ± 0.5 µg/mL |
| 2-hexanone | 000591-78-6 | 12007DD | 100.3 ± 0.5 µg/mL |
| 4-methyl-2-pentanone | 000108-10-1 | 04153EC | 100.3 ± 0.5 µg/mL |
| acetone | 000067-64-1 | 49098 | 100.3 ± 0.5 µg/mL |
| acrolein | 000107-02-8 | S35243 | 100.3 ± 0.5 µg/mL |
| acrylonitrile | 000107-13-1 | 56896MJ | 100.3 ± 0.5 µg/mL |

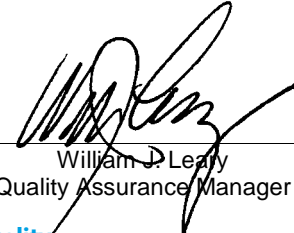
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|--------------------|-------------|-------------|-------------------|
| carbon disulfide | 000075-15-0 | AI-12071LU | 10.0 ± 0.1 µg/mL |
| ethyl methacrylate | 000097-63-2 | 04004EH | 100.3 ± 0.5 µg/mL |
| iodomethane | 000074-88-4 | 02412JD | 20.1 ± 0.1 µg/mL |
| MEK | 000078-93-3 | CA-02161PO | 100.3 ± 0.5 µg/mL |
| vinyl acetate | 000108-05-4 | MS-11517PR | 100.3 ± 0.5 µg/mL |
| nitrobenzene | 000098-95-3 | DI-10604DI | 20.1 ± 0.1 µg/mL |

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C


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