

Custom Standard

Product Number: CUS-8064

Page: 1 of 4

Lot Number: CG-2923

Lot Issue Date: Aug-2010

Expiration Date: Nov-2011

This Certified Reference Material (CRM) is intended for use as a calibration standard for the quantitative determination of the analytes listed. The CRM was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The certified concentration value for each analyte is based upon the gravimetric and volumetric measurements made during the preparation of the CRM. The analyte concentrations were verified by ULTRA's ISO 17025 accredited laboratory using an appropriate analytical technique.

| Analyte | CAS# | Analyte Lot | True Value |
|-----------------------------|-------------|-------------|-----------------|
| bromochloromethane | 000074-97-5 | JS-16015HS | 10.0 ± 0.1 mg/L |
| bromodichloromethane | 000075-27-4 | 10529HD | 10.0 ± 0.1 mg/L |
| bromoform | 000075-25-2 | 12312KC | 10.0 ± 0.1 mg/L |
| carbon tetrachloride | 000056-23-5 | 01704MF | 10.0 ± 0.1 mg/L |
| chloroform | 000067-66-3 | 05143MN | 10.0 ± 0.1 mg/L |
| dibromochloromethane | 000124-48-1 | CU-07705AN | 10.0 ± 0.1 mg/L |
| dibromomethane | 000074-95-3 | EM-01514TJ | 10.0 ± 0.1 mg/L |
| methylene chloride | 000075-09-2 | 48191 | 10.0 ± 0.1 mg/L |
| trichlorofluoromethane | 000075-69-4 | DR-16417BR | 10.0 ± 0.1 mg/L |
| 1,2-dibromoethane | 000106-93-4 | TB-101777 | 10.0 ± 0.1 mg/L |
| 1,1-dichloroethane | 000075-34-3 | 64552/1 | 10.0 ± 0.1 mg/L |
| 1,2-dichloroethane | 000107-06-2 | KN-09446KN | 10.0 ± 0.1 mg/L |
| 1,1-dichloroethene | 000075-35-4 | 02226CH | 10.0 ± 0.1 mg/L |
| cis-1,2-dichloroethene | 000156-59-2 | 05602PH | 10.0 ± 0.1 mg/L |
| trans-1,2-dichloroethene | 000156-60-5 | 01306HD | 10.0 ± 0.1 mg/L |
| 1,1,1,2-tetrachloroethane | 000630-20-6 | 10312DD | 10.0 ± 0.1 mg/L |
| 1,1,1,2,2-tetrachloroethane | 000079-34-5 | 10917TB | 10.0 ± 0.1 mg/L |
| tetrachloroethene | 000127-18-4 | PS-00344BR | 10.0 ± 0.1 mg/L |
| 1,1,1-trichloroethane | 000071-55-6 | LU-13149TR | 10.0 ± 0.1 mg/L |

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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250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
www.ultrasci.com



William J. Leary
Quality Assurance Manager

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

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| 1,1,2-trichloroethane | 000079-00-5 | JB-0701HH | 10.0 ± 0.1 mg/L |
| trichloroethene | 000079-01-6 | KN-08846KN | 10.0 ± 0.1 mg/L |
| 1,2-dibromo-3-chloropropane | 000096-12-8 | FBL-01 | 10.0 ± 0.1 mg/L |
| 1,2-dichloropropane | 000078-87-5 | DC-120777 | 10.0 ± 0.1 mg/L |
| 1,3-dichloropropane | 000142-28-9 | PO-18920BO | 10.0 ± 0.1 mg/L |
| 2,2-dichloropropane | 000594-20-7 | 03503TD | 10.0 ± 0.1 mg/L |
| 1,1-dichloropropene | 000563-58-6 | PR111308-01 | 10.0 ± 0.1 mg/L |
| cis-1,3-dichloropropene | 010061-01-5 | PR051109-01 | 10.0 ± 0.1 mg/L |
| trans-1,3-dichloropropene | 010061-02-6 | 101007-01 | 10.0 ± 0.1 mg/L |
| hexachlorobutadiene | 000087-68-3 | 339923/1 | 10.0 ± 0.1 mg/L |
| 1,2,3-trichloropropane | 000096-18-4 | 01610KH | 10.0 ± 0.1 mg/L |
| naphthalene | 000091-20-3 | 14205KB | 10.0 ± 0.1 mg/L |
| benzene | 000071-43-2 | 34097 | 10.0 ± 0.1 mg/L |
| n-butylbenzene | 000104-51-8 | AA-28519CO | 10.0 ± 0.1 mg/L |
| sec-butylbenzene | 000135-98-8 | 07610JE | 10.0 ± 0.1 mg/L |
| tert-butylbenzene | 000098-06-6 | MQ-04010MQ | 10.0 ± 0.1 mg/L |
| ethylbenzene | 000100-41-4 | 01558CC | 10.0 ± 0.1 mg/L |
| isopropylbenzene | 000098-82-8 | 02827BH | 10.0 ± 0.1 mg/L |
| 4-isopropyltoluene | 000099-87-6 | PP-05104CC | 10.0 ± 0.1 mg/L |
| n-propylbenzene | 000103-65-1 | LO-14503MR | 10.0 ± 0.1 mg/L |
| styrene | 000100-42-5 | LR-11228MQ | 10.0 ± 0.1 mg/L |
| toluene | 000108-88-3 | 47144 | 10.0 ± 0.1 mg/L |
| 1,2,4-trimethylbenzene | 000095-63-6 | BO-13528BI | 10.0 ± 0.1 mg/L |
| 1,3,5-trimethylbenzene | 000108-67-8 | KM-02011HM | 10.0 ± 0.1 mg/L |

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| o-xylene | 000095-47-6 | DO-06834CO | 10.0 ± 0.1 mg/L |
| m-xylene | 000108-38-3 | DI-00459CI | 10.0 ± 0.1 mg/L |
| p-xylene | 000106-42-3 | 03747LN | 10.0 ± 0.1 mg/L |
| 1,4-dichlorobenzene | 000106-46-7 | 22628EB | 10.0 ± 0.1 mg/L |
| bromobenzene | 000108-86-1 | CG-02513MF | 10.0 ± 0.1 mg/L |
| chlorobenzene | 000108-90-7 | 013148HZ | 10.0 ± 0.1 mg/L |
| 2-chlorotoluene | 000095-49-8 | 10018BC | 10.0 ± 0.1 mg/L |
| 4-chlorotoluene | 000106-43-4 | 03327TH | 10.0 ± 0.1 mg/L |
| 1,2-dichlorobenzene | 000095-50-1 | 08946KY | 10.0 ± 0.1 mg/L |
| 1,3-dichlorobenzene | 000541-73-1 | JN-05902LZ | 10.0 ± 0.1 mg/L |
| 1,2,3-trichlorobenzene | 000087-61-6 | 12912PF | 10.0 ± 0.1 mg/L |
| 1,2,4-trichlorobenzene | 000120-82-1 | 00334TQ | 10.0 ± 0.1 mg/L |
| bromomethane | 000074-83-9 | 06623AQ | 10.0 ± 0.1 mg/L |
| chloroethane | 000075-00-3 | 00223KG | 10.0 ± 0.1 mg/L |
| chloromethane | 000074-87-3 | 07-44048 | 10.0 ± 0.1 mg/L |
| dichlorodifluoromethane | 000075-71-8 | N960053 | 10.0 ± 0.1 mg/L |
| vinyl chloride | 000075-01-4 | 03916HJ | 10.0 ± 0.1 mg/L |
| MTBE | 001634-04-4 | 37289 | 10.0 ± 0.1 mg/L |
| 2-methylpentane | 000107-83-5 | 04915BA | 10.0 ± 0.1 mg/L |
| 2-ethyltoluene | 000611-14-3 | 04820PO | 10.0 ± 0.1 mg/L |
| 3-ethyltoluene | 000620-14-4 | 10408EA | 10.0 ± 0.1 mg/L |
| 1,2,3-trimethylbenzene | 000526-73-8 | 395-89B | 10.0 ± 0.1 mg/L |
| 1,3,5-trichlorobenzene | 000108-70-3 | HW-00718EV | 10.0 ± 0.1 mg/L |
| hexachloroethane | 000067-72-1 | 12604HB | 10.0 ± 0.1 mg/L |

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| 3-chlorotoluene | 000108-41-8 | DE-062297 | 10.0 ± 0.1 mg/L |
| bromotrichloromethane | 000075-62-7 | MB-102077 | 10.0 ± 0.1 mg/L |
| 1-bromo-2-chloroethane | 000107-04-0 | LY-03618KV | 10.0 ± 0.1 mg/L |
| 1,1,2,2-tetrabromoethane | 000079-27-6 | 091847 | 10.0 ± 0.1 mg/L |
| 4-ethyltoluene | 000622-96-8 | 73172/1 | 10.0 ± 0.1 mg/L |

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

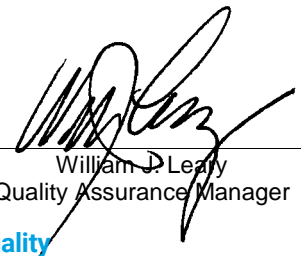
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