

## Custom Standard

**Product Number:** CUS-2269

**Page:** 1 of 1

**Lot Number:** CH-0855

**Lot Issue Date:** 18-Mar-2011

**Expiration Date:** 30-Apr-2013

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        |
|------------------------|-------------|-------------|-------------------|
| benzene                | 000071-43-2 | 34097       | 200.6 ± 1.0 µg/mL |
| ethylbenzene           | 000100-41-4 | 01558CC     | 200.6 ± 1.0 µg/mL |
| toluene                | 000108-88-3 | 47144       | 200.6 ± 1.0 µg/mL |
| isopropylbenzene       | 000098-82-8 | 02827BH     | 200.6 ± 1.0 µg/mL |
| n-propylbenzene        | 000103-65-1 | LO-14503MR  | 200.6 ± 1.0 µg/mL |
| 4-isopropyltoluene     | 000099-87-6 | PP-05104CP  | 200.6 ± 1.0 µg/mL |
| 1,2,4-trimethylbenzene | 000095-63-6 | BO-13528BI  | 200.6 ± 1.0 µg/mL |
| 1,3,5-trimethylbenzene | 000108-67-8 | KM-02011HM  | 200.6 ± 1.0 µg/mL |
| n-butylbenzene         | 000104-51-8 | AA-28519CO  | 200.6 ± 1.0 µg/mL |
| sec-butylbenzene       | 000135-98-8 | 07610JE     | 200.6 ± 1.0 µg/mL |
| naphthalene            | 000091-20-3 | 14205KB     | 200.8 ± 1.0 µg/mL |
| MTBE                   | 001634-04-4 | 45123       | 200.6 ± 1.0 µg/mL |
| tert-butylbenzene      | 000098-06-6 | MQ-04010MQ  | 200.6 ± 1.0 µg/mL |
| o-xylene               | 000095-47-6 | DO-06834CO  | 200.6 ± 1.0 µg/mL |
| m-xylene               | 000108-38-3 | DI-00459CI  | 200.6 ± 1.0 µg/mL |
| p-xylene               | 000106-42-3 | 03747LN     | 200.6 ± 1.0 µg/mL |

**Matrix:** methanol (methyl alcohol)

**Storage:** Store at < 4° C

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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