

Custom Standard

Product Number: CUS-12041

Page: 1 of 2

Lot Number: CG-3743

Lot Issue Date: Oct-2010

Expiration Date: Feb-2011

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. 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 |
|------------------------|-------------|-------------|-------------------|
| acenaphthene | 000083-32-9 | 29697-41 | 501.5 ± 2.5 µg/mL |
| acenaphthylene | 000208-96-8 | ER030707-01 | 500.5 ± 2.5 µg/mL |
| anthracene | 000120-12-7 | 33383-91 | 501.5 ± 2.5 µg/mL |
| benz[a]anthracene | 000056-55-3 | 34764-06 | 501.5 ± 2.5 µg/mL |
| benzo[a]pyrene | 000050-32-8 | ER050707-01 | 130.0 ± 0.7 µg/mL |
| benzo[b]fluoranthene | 000205-99-2 | ER022008-02 | 500.0 ± 2.5 µg/mL |
| benzo[k]fluoranthene | 000207-08-9 | ER061608-02 | 500.5 ± 2.5 µg/mL |
| benzo[ghi]perylene | 000191-24-2 | ER041205-01 | 130.0 ± 0.7 µg/mL |
| chrysene | 000218-01-9 | ER081006-02 | 500.0 ± 2.5 µg/mL |
| dibenz[a,h]anthracene | 000053-70-3 | 29494-49 | 130.0 ± 0.7 µg/mL |
| fluoranthene | 000206-44-0 | LB61080 | 501.5 ± 2.5 µg/mL |
| fluorene | 000086-73-7 | 04003CK | 500.5 ± 2.5 µg/mL |
| indeno[1,2,3-cd]pyrene | 000193-39-5 | ER082107-02 | 130.0 ± 0.7 µg/mL |
| naphthalene | 000091-20-3 | 14205KB | 501.5 ± 2.5 µg/mL |
| phenanthrene | 000085-01-8 | 07419ME | 501.5 ± 2.5 µg/mL |
| pyrene | 000129-00-0 | 22599-73 | 501.5 ± 2.5 µg/mL |
| nitrobenzene | 000098-95-3 | DI-10604DI | 501.0 ± 2.5 µg/mL |
| 1,2,4-trichlorobenzene | 000120-82-1 | 00334TQ | 502.5 ± 2.5 µg/mL |
| butyl benzyl phthalate | 000085-68-7 | 05613ED | 500.5 ± 2.5 µg/mL |
| diethyl phthalate | 000084-66-2 | 09615KD | 502.5 ± 2.5 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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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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|-----------------------------|-------------|-------------|-------------------|
| di-n-butyl phthalate | 000084-74-2 | AC-011687 | 502.0 ± 2.5 µg/mL |
| di-n-octyl phthalate | 000117-84-0 | 0001418030 | 501.0 ± 2.5 µg/mL |
| bis(2-ethylhexyl) phthalate | 000117-81-7 | D-22230 | 500.0 ± 2.5 µg/mL |
| N-nitrosodi-n-propylamine | 000621-64-7 | FIM01 | 500.0 ± 2.5 µg/mL |
| benzyl alcohol | 000100-51-6 | 11713BN | 501.0 ± 2.5 µg/mL |
| 1,4-dichlorobenzene | 000106-46-7 | 22628EB | 502.5 ± 2.5 µg/mL |
| hexachlorobutadiene | 000087-68-3 | 339923/1 | 500.6 ± 2.5 µg/mL |
| hexachlorocyclopentadiene | 000077-47-4 | 03907AU | 500.5 ± 2.5 µg/mL |
| 2-methylnaphthalene | 000091-57-6 | 15416DA | 501.5 ± 2.5 µg/mL |
| 2-chlorophenol | 000095-57-8 | 09624MH | 1003 ± 5 µg/mL |
| o-cresol | 000095-48-7 | 09416AA | 1004 ± 5 µg/mL |
| p-cresol | 000106-44-5 | 09410PI | 502.0 ± 2.5 µg/mL |
| 2,4-dinitrophenol | 000051-28-5 | CEE-III-130 | 1000 ± 5 µg/mL |
| 2-nitrophenol | 000088-75-5 | N960045 | 1000 ± 5 µg/mL |
| 4-nitrophenol | 000100-02-7 | 5518HE | 1002 ± 5 µg/mL |
| phenol | 000108-95-2 | 1373574 | 1003 ± 5 µg/mL |
| indene | 000095-13-6 | 18113TU | 500.0 ± 2.5 µg/mL |
| 2-butoxyethanol | 000111-76-2 | HR01139DR | 502.5 ± 2.5 µg/mL |
| 2-ethoxyethanol | 000110-80-5 | 00848DH | 500.5 ± 2.5 µg/mL |
| 1,4-naphthoquinone | 000130-15-4 | MV06711PT | 500.5 ± 2.5 µg/mL |
| m-cresol | 000108-39-4 | 03517AG | 500.0 ± 2.5 µg/mL |

Matrix: methylene chloride (dichloromethane)

Storage: Store at Room Temperature (18-25°C).

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