

Certificate of Analysis

Custom Standard

Product Number: CUS-3644

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Lot Number: CG-3662

Lot Issue Date: Oct-2010

Expiration Date: Nov-2012

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
MTBE	001634-04-4	37289	1003 ± 5 µg/mL
1,1-dichloroethane	000075-34-3	64552/1	1003 ± 5 µg/mL
chloroform	000067-66-3	05143MN	1003 ± 5 µg/mL
benzene	000071-43-2	31072	1003 ± 5 µg/mL
1,2-dichloroethane	000107-06-2	KN-09446KN	1003 ± 5 µg/mL
toluene	000108-88-3	45195	1003 ± 5 µg/mL
tetrachloroethene	000127-18-4	PS-00344BR	1003 ± 5 µg/mL
ethylbenzene	000100-41-4	01558CC	1003 ± 5 µg/mL
o-xylene	000095-47-6	DO-06834CO	1003 ± 5 µg/mL
phenol	000108-95-2	1373574	1003 ± 5 µg/mL
1,4-dichlorobenzene	000106-46-7	22628EB	1003 ± 5 µg/mL
n-undecane	001120-21-4	9309304	1002 ± 5 µg/mL
n-tridecane	000629-50-5	EW-09220DW	1003 ± 5 µg/mL
n-pentadecane	000629-62-9	9204232	1001 ± 5 µg/mL
acenaphthene	000083-32-9	29697-41	1003 ± 5 µg/mL
1,1-dichloroethene	000075-35-4	02226CH	1003 ± 5 µg/mL
1,1,2-trichloroethane	000079-00-5	JB-0701HH	1003 ± 5 µg/mL
1,1,1,2-tetrachloroethane	000630-20-6	CO-12312LI	1003 ± 5 µg/mL
trans-1,2-dichloroethene	000156-60-5	01306HD	1003 ± 5 µg/mL
cis-1,2-dichloroethene	000156-59-2	05602PH	1003 ± 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.



ISO 17025:2005
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1,1,1-trichloroethane	000071-55-6	LU-13149TR	1003 ± 5 µg/mL
carbon tetrachloride	000056-23-5	01704MF	1003 ± 5 µg/mL
trichloroethene	000079-01-6	KN-08846KN	1003 ± 5 µg/mL
n-octane	000111-65-9	9612212	1003 ± 5 µg/mL
chlorobenzene	000108-90-7	07774MG	1003 ± 5 µg/mL
m-xylene	000108-38-3	DI-00459CI	1003 ± 5 µg/mL
1,3,5-trimethylbenzene	000108-67-8	KM-02011HM	1003 ± 5 µg/mL
1,2,4-trimethylbenzene	000095-63-6	BO-13528BI	1003 ± 5 µg/mL
o-cresol	000095-48-7	09416AA	1003 ± 5 µg/mL
naphthalene	000091-20-3	14205KB	1003 ± 5 µg/mL
2-methylnaphthalene	000091-57-6	15416DA	1003 ± 5 µg/mL
acenaphthylene	000208-96-8	ER030707-01	1003 ± 5 µg/mL
fluorene	000086-73-7	PM-04003CK	1003 ± 5 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	10917TB	1003 ± 5 µg/mL
1,3-dichlorobenzene	000541-73-1	JN-05902LZ	1003 ± 5 µg/mL
1,2-dichlorobenzene	000095-50-1	08946KY	1003 ± 5 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

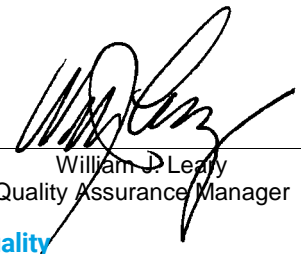
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