



Certificate of Analysis

Custom Standard

Product Number: CUS-8272

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Lot Number: CH-2165

Lot Issue Date: 08-Jul-2011

Expiration Date: 31-Aug-2012

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Analyte	CAS#	Analyte Lot	True Value
dichlorodifluoromethane	000075-71-8	N960053	5.02 ± 0.03 µg/mL
chloromethane	000074-87-3	07-44048	5.02 ± 0.03 µg/mL
vinyl chloride	000075-01-4	07813JC	5.02 ± 0.03 µg/mL
bromomethane	000074-83-9	06623AQ	10.0 ± 0.1 µg/mL
chloroethane	000075-00-3	00223KG	10.0 ± 0.1 µg/mL
trichlorofluoromethane	000075-69-4	DR-16417BR	5.02 ± 0.03 µg/mL
1,1,2-trichlorotrifluoroethane	000076-13-1	KN-09246KN	20.1 ± 0.1 µg/mL
1,1-dichloroethene	000075-35-4	01218EC	10.1 ± 0.1 µg/mL
methylene chloride	000075-09-2	46069	5.02 ± 0.03 µg/mL
carbon disulfide	000075-15-0	TO-03038TO	10.1 ± 0.1 µg/mL
MTBE	001634-04-4	37289	10.0 ± 0.1 µg/mL
trans-1,2-dichloroethene	000156-60-5	DO-07817JR	5.02 ± 0.03 µg/mL
n-hexane	000110-54-3	9402254	10.0 ± 0.1 µg/mL
1,1-dichloroethane	000075-34-3	64552/1	2.51 ± 0.01 µg/mL
2,2-dichloropropane	000594-20-7	03503TD	5.02 ± 0.03 µg/mL
cis-1,2-dichloroethene	000156-59-2	09122TS	5.02 ± 0.03 µg/mL
chloroform	000067-66-3	05143MN	2.51 ± 0.01 µg/mL
bromochloromethane	000074-97-5	JS-16015HS	4.01 ± 0.02 µg/mL
1,1,1-trichloroethane	000071-55-6	LU-13149TR	5.02 ± 0.03 µg/mL

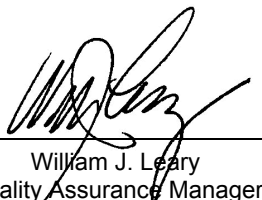
ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



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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

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1,1-dichloropropene	000563-58-6	PR111308-01	5.02 ± 0.03 µg/mL
carbon tetrachloride	000056-23-5	01704MF	5.01 ± 0.03 µg/mL
1,2-dichloroethane	000107-06-2	KN-09446KN	5.02 ± 0.03 µg/mL
benzene	000071-43-2	31072	2.51 ± 0.01 µg/mL
trichloroethene	000079-01-6	KN-08846KN	5.02 ± 0.03 µg/mL
1,2-dichloropropane	000078-87-5	DC-120777	4.01 ± 0.02 µg/mL
bromodichloromethane	000075-27-4	DU-14522LS	5.02 ± 0.03 µg/mL
dibromomethane	000074-95-3	EM-01514TJ	5.01 ± 0.03 µg/mL
cis-1,3-dichloropropene	010061-01-5	PR051109-01	5.02 ± 0.03 µg/mL
toluene	000108-88-3	47144	5.02 ± 0.03 µg/mL
trans-1,3-dichloropropene	010061-02-6	34257-41	10.0 ± 0.1 µg/mL
1,1,2-trichloroethane	000079-00-5	JB-0701HH	5.02 ± 0.03 µg/mL
2-hexanone	000591-78-6	AI-11228KS	50.1 ± 0.3 µg/mL
1,3-dichloropropane	000142-28-9	PR-17916MR	4.01 ± 0.02 µg/mL
tetrachloroethene	000127-18-4	PS-00344BR	5.02 ± 0.03 µg/mL
dibromochloromethane	000124-48-1	DO-12622CI	5.01 ± 0.03 µg/mL
1,2-dibromoethane	000106-93-4	TB-101777	5.02 ± 0.03 µg/mL
1-chlorohexane	000544-10-5	302-139A	2.51 ± 0.01 µg/mL
chlorobenzene	000108-90-7	03148HZ	2.51 ± 0.01 µg/mL

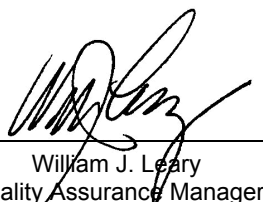
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1,1,1,2-tetrachloroethane	000630-20-6	CO-12312LI	5.02 ± 0.03 µg/mL
ethylbenzene	000100-41-4	01558CC	5.02 ± 0.03 µg/mL
m-xylene	000108-38-3	DI-00459CI	5.02 ± 0.03 µg/mL
p-xylene	000106-42-3	03747LN	5.01 ± 0.03 µg/mL
o-xylene	000095-47-6	DO-06834CO	5.01 ± 0.03 µg/mL
styrene	000100-42-5	LR-11228MQ	2.51 ± 0.01 µg/mL
bromoform	000075-25-2	12312KC	10.0 ± 0.1 µg/mL
isopropylbenzene	000098-82-8	02827BH	5.02 ± 0.03 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	10917TB	4.01 ± 0.02 µg/mL
1,2,3-trichloropropane	000096-18-4	12020TF	15.0 ± 0.1 µg/mL
n-propylbenzene	000103-65-1	ARO-1	2.51 ± 0.01 µg/mL
bromobenzene	000108-86-1	CG-02513MF	2.51 ± 0.01 µg/mL
1,3,5-trimethylbenzene	000108-67-8	KM-02011HM	5.02 ± 0.03 µg/mL
2-chlorotoluene	000095-49-8	10018BC	2.51 ± 0.01 µg/mL
4-chlorotoluene	000106-43-4	03327TH	5.02 ± 0.03 µg/mL
tert-butylbenzene	000098-06-6	MQ-0401MQ	5.02 ± 0.03 µg/mL
1,2,4-trimethylbenzene	000095-63-6	BO-13528BI	5.02 ± 0.03 µg/mL
sec-butylbenzene	000135-98-8	07610JE	5.02 ± 0.03 µg/mL
4-isopropyltoluene	000099-87-6	PP-05104CP	5.02 ± 0.03 µg/mL


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1,3-dichlorobenzene	000541-73-1	JN-05902LZ	5.02 ± 0.03 µg/mL
1,4-dichlorobenzene	000106-46-7	22628EB	2.51 ± 0.01 µg/mL
n-butylbenzene	000104-51-8	AA-28519CO	5.02 ± 0.03 µg/mL
1,2-dichlorobenzene	000095-50-1	08946KY	2.51 ± 0.01 µg/mL
1,2-dibromo-3-chloropropane	000096-12-8	FBC-01	20.1 ± 0.1 µg/mL
1,2,4-trichlorobenzene	000120-82-1	00334TQ	4.01 ± 0.02 µg/mL
hexachlorobutadiene	000087-68-3	RM00438	4.99 ± 0.02 µg/mL
naphthalene	000091-20-3	14205KB	4.01 ± 0.02 µg/mL
1,2,3-trichlorobenzene	000087-61-6	12912PF	2.51 ± 0.01 µg/mL
t-butanol (2-methyl-2-propanol)	000075-65-0	CB-102267	1002 ± 5 µg/mL
1,4-dioxane	000123-91-1	05340DD	1002 ± 5 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

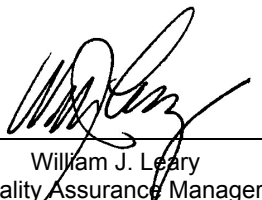
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