

## Custom Standard

**Product Number:** CUS-8337

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**Lot Number:** CG-2655

**Lot Issue Date:** Jul-2010

**Expiration Date:** Aug-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	50.1 ± 0.3 µg/mL
acenaphthylene	000208-96-8	ER030707-01	50.1 ± 0.3 µg/mL
anthracene	000120-12-7	33383-91	50.1 ± 0.3 µg/mL
azobenzene	000103-33-3	04606DF	50.2 ± 0.3 µg/mL
benz[a]anthracene	000056-55-3	ER-121707-01	50.1 ± 0.3 µg/mL
benzo[b]fluoranthene	000205-99-2	ER022008-02	50.1 ± 0.3 µg/mL
benzo[k]fluoranthene	000207-08-9	34750-27	50.1 ± 0.3 µg/mL
benzo[ghi]perylene	000191-24-2	ER041205-01	50.1 ± 0.3 µg/mL
benzo[a]pyrene	000050-32-8	ER050707-01	50.1 ± 0.3 µg/mL
bis(2-chloroethoxy)methane	000111-91-1	428-12A	50.1 ± 0.3 µg/mL
bis(2-chloroethyl) ether	000111-44-4	BC-013187	50.1 ± 0.3 µg/mL
bis(2-ethylhexyl) phthalate	000117-81-7	D-22330	50.1 ± 0.3 µg/mL
bis(2-chloroisopropyl) ether	000108-60-1	444-49A	50.1 ± 0.3 µg/mL
4-bromophenyl phenyl ether	000101-55-3	KO-05819CO	50.1 ± 0.3 µg/mL
butyl benzyl phthalate	000085-68-7	05613ED	50.1 ± 0.3 µg/mL
carbazole	000086-74-8	CEE-III-129	50.0 ± 0.3 µg/mL
4-chloroaniline	000106-47-8	PW-01310MW	50.1 ± 0.3 µg/mL
4-chloro-3-methylphenol	000059-50-7	MB-061657	50.1 ± 0.3 µg/mL
2-chloronaphthalene	000091-58-7	FIJ-02	50.0 ± 0.3 µg/mL
2-chlorophenol	000095-57-8	CS-09106BQ	50.1 ± 0.3 µg/mL

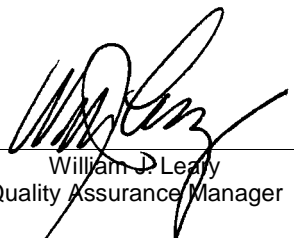
ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



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Analyte	CAS#	Analyte Lot	True Value
4-chlorophenyl phenyl ether	007005-72-3	04420PH	50.1 ± 0.3 µg/mL
chrysene	000218-01-9	ER091206-01	50.1 ± 0.3 µg/mL
dibenz[a,h]anthracene	000053-70-3	ER091206-01	50.1 ± 0.3 µg/mL
dibenzofuran	000132-64-9	KB-080477	50.1 ± 0.3 µg/mL
di-n-butyl phthalate	000084-74-2	AC-011687	50.1 ± 0.3 µg/mL
1,2-dichlorobenzene	000095-50-1	08946KY	50.1 ± 0.3 µg/mL
1,3-dichlorobenzene	000541-73-1	05902LZ	50.1 ± 0.3 µg/mL
1,4-dichlorobenzene	000106-46-7	00268EB	50.0 ± 0.3 µg/mL
2,4-dichlorophenol	000120-83-2	HZ-05729EZ	50.1 ± 0.3 µg/mL
diethyl phthalate	000084-66-2	09615KD	50.1 ± 0.3 µg/mL
2,4-dimethylphenol	000105-67-9	010010	50.1 ± 0.3 µg/mL
dimethyl phthalate	000131-11-3	A-0932(D44220)	50.1 ± 0.3 µg/mL
2,4-dinitrophenol	000051-28-5	CEE-III-130	50.1 ± 0.3 µg/mL
2,4-dinitrotoluene	000121-14-2	18219TA	50.2 ± 0.3 µg/mL
2,6-dinitrotoluene	000606-20-2	08325CR	50.1 ± 0.3 µg/mL
di-n-octyl phthalate	000117-84-0	0001418030	50.1 ± 0.3 µg/mL
fluoranthene	000206-44-0	LB61080	50.1 ± 0.3 µg/mL
fluorene	000086-73-7	04003CK	50.1 ± 0.3 µg/mL
hexachlorobenzene	000118-74-1	DG-04416KY	50.1 ± 0.3 µg/mL
hexachlorobutadiene	000087-68-3	339923/1	50.1 ± 0.3 µg/mL
hexachlorocyclopentadiene	000077-47-4	03907AU	50.2 ± 0.3 µg/mL
hexachloroethane	000067-72-1	12604HB	50.1 ± 0.3 µg/mL
indeno[1,2,3-cd]pyrene	000193-39-5	ER082107-02	50.1 ± 0.3 µg/mL
isophorone	000078-59-1	10830MQ	50.1 ± 0.3 µg/mL

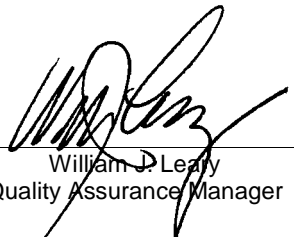
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Analyte	CAS#	Analyte Lot	True Value
2-methyl-4,6-dinitrophenol	000534-52-1	42136/4	50.0 ± 0.3 µg/mL
2-methylnaphthalene	000091-57-6	15416DA	50.2 ± 0.3 µg/mL
2-methylphenol	000095-48-7	09916AA	50.1 ± 0.3 µg/mL
4-methylphenol	000106-44-5	09410PI	50.0 ± 0.3 µg/mL
naphthalene	000091-20-3	14205KB	50.1 ± 0.3 µg/mL
2-nitroaniline	000088-74-4	AO-13201TU	50.1 ± 0.3 µg/mL
3-nitroaniline	000099-09-2	HM-03020DL	50.1 ± 0.3 µg/mL
4-nitroaniline	000100-01-6	KL-3926DK	50.1 ± 0.3 µg/mL
nitrobenzene	000098-95-3	DI-10604DI	50.2 ± 0.3 µg/mL
2-nitrophenol	000088-75-5	N960045	50.1 ± 0.3 µg/mL
4-nitrophenol	000100-02-7	LS-10425DR	50.1 ± 0.3 µg/mL
N-nitrosodimethylamine	000062-75-9	PS-12070JS	50.1 ± 0.3 µg/mL
N-nitrosodi-n-propylamine	000621-64-7	FIM-01	50.1 ± 0.3 µg/mL
pentachlorophenol	000087-86-5	07119HO	50.1 ± 0.3 µg/mL
phenanthrene	000085-01-8	07419ME	50.1 ± 0.3 µg/mL
phenol	000108-95-2	1373574	50.1 ± 0.3 µg/mL
pyrene	000129-00-0	01216PE	50.1 ± 0.3 µg/mL
1,2,4-trichlorobenzene	000120-82-1	00334TQ	50.1 ± 0.3 µg/mL
2,4,5-trichlorophenol	000095-95-4	0752160	50.1 ± 0.3 µg/mL
2,4,6-trichlorophenol	000088-06-2	07509ME	50.1 ± 0.3 µg/mL
pyridine	000110-86-1	01028CB	50.1 ± 0.3 µg/mL
acetophenone	000098-86-2	07705JO	50.2 ± 0.3 µg/mL
1,2,4,5-tetrachlorobenzene	000095-94-3	N950075	50.1 ± 0.3 µg/mL
N-nitrosodiphenylamine	000086-30-6	286003/1	50.1 ± 0.3 µg/mL

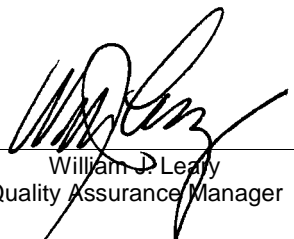
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Analyte	CAS#	Analyte Lot	True Value
pentachloronitrobenzene	000082-68-8	MT687615	50.1 ± 0.3 µg/mL

**Matrix:** methylene chloride/benzene (3:1)

**Storage:** Store at < 4° C

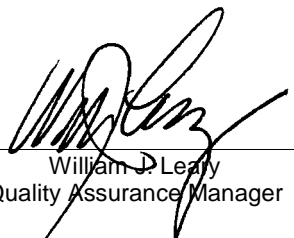
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