

## Custom Standard

**Product Number:** CUS-6150

**Page:** 1 of 4

**Lot Number:** CG-3881

**Lot Issue Date:** 12-Nov-2010

**Expiration Date:** 31-Mar-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
pyridine	000110-86-1	01028CB	200.6 ± 1.0 µg/mL
N-nitrosodimethylamine	000062-75-9	12070JS	200.1 ± 1.0 µg/mL
2-fluorophenol	000367-12-4	09006DO	200.6 ± 1.0 µg/mL
aniline	000062-53-3	3607BM	200.6 ± 1.0 µg/mL
bis(2-chloroethyl) ether	000111-44-4	BC-013187	200.4 ± 1.0 µg/mL
phenol-d5	004165-62-2	I1-9925B	200.6 ± 1.0 µg/mL
phenol	000108-95-2	1373574	200.6 ± 1.0 µg/mL
2-chlorophenol-d4	093951-73-6	PR-12865	200.6 ± 1.0 µg/mL
2-chlorophenol	000095-57-8	CS-09106BQ	200.6 ± 1.0 µg/mL
1,3-dichlorobenzene	000541-73-1	JN-05902LZ	200.6 ± 1.0 µg/mL
1,4-dichlorobenzene	000106-46-7	22628EB	200.6 ± 1.0 µg/mL
1,2-dichlorobenzene	000095-50-1	08946KY	200.6 ± 1.0 µg/mL
1,2-dichlorobenzene-d4	002199-69-1	PR-16654	200.6 ± 1.0 µg/mL
benzyl alcohol	000100-51-6	JN-11713BN	200.6 ± 1.0 µg/mL
bis(2-chloroisopropyl) ether	000108-60-1	PR-16041	200.4 ± 1.0 µg/mL
2-methylphenol	000095-48-7	09416AA	200.6 ± 1.0 µg/mL
hexachloroethane	000067-72-1	12604HB	201.0 ± 1.0 µg/mL
N-nitrosodi-n-propylamine	000621-64-7	FIM-01	200.7 ± 1.0 µg/mL
3-methylphenol	000108-39-4	BG-03517AG	200.6 ± 1.0 µg/mL
4-methylphenol	000106-44-5	TI-09410PI	200.6 ± 1.0 µg/mL

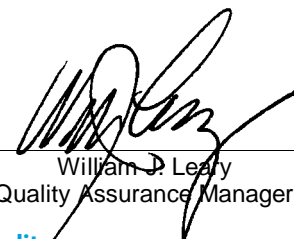
ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



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Analyte	CAS#	Analyte Lot	True Value
nitrobenzene-d5	004165-60-0	PR-16900	200.6 ± 1.0 µg/mL
nitrobenzene	000098-95-3	HK-2925LK	200.6 ± 1.0 µg/mL
isophorone	000078-59-1	PQ-10830MQ	200.6 ± 1.0 µg/mL
2-nitrophenol	000088-75-5	N960045	200.6 ± 1.0 µg/mL
2,4-dimethylphenol	000105-67-9	010010	200.6 ± 1.0 µg/mL
bis(2-chloroethoxy)methane	000111-91-1	447-120B	200.9 ± 1.0 µg/mL
2,4-dichlorophenol	000120-83-2	HZ-05729EZ	200.6 ± 1.0 µg/mL
benzoic acid	000065-85-0	JM-00103JM	200.6 ± 1.0 µg/mL
1,2,4-trichlorobenzene	000120-82-1	00334TQ	200.6 ± 1.0 µg/mL
naphthalene	000091-20-3	14205KB	200.8 ± 1.0 µg/mL
4-chloroaniline	000106-47-8	01310MW	200.6 ± 1.0 µg/mL
hexachlorobutadiene	000087-68-3	339923/1	200.6 ± 1.0 µg/mL
4-chloro-3-methylphenol	000059-50-7	MB-061657	200.6 ± 1.0 µg/mL
2-methylnaphthalene	000091-57-6	15416DA	200.6 ± 1.0 µg/mL
1-methylnaphthalene	000090-12-0	12114BE	200.6 ± 1.0 µg/mL
hexachlorocyclopentadiene	000077-47-4	KO-03907AU	201.0 ± 1.0 µg/mL
2,4,6-trichlorophenol	000088-06-2	07509ME	200.6 ± 1.0 µg/mL
2,4,5-trichlorophenol	000095-95-4	DO-07521CO	200.6 ± 1.0 µg/mL
2-fluorobiphenyl	000321-60-8	01927KH	200.6 ± 1.0 µg/mL
2-chloronaphthalene	000091-58-7	FIE-01	200.6 ± 1.0 µg/mL
2-nitroaniline	000088-74-4	AO-13201TU	200.6 ± 1.0 µg/mL
acenaphthylene	000208-96-8	ER030707-01	200.7 ± 1.0 µg/mL
dimethyl phthalate	000131-11-3	044220	200.4 ± 1.0 µg/mL
2,6-dinitrotoluene	000606-20-2	DU-08328CR	200.6 ± 1.0 µg/mL

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3-nitroaniline	000099-09-2	HM-03020DL	200.6 ± 1.0 µg/mL
acenaphthene	000083-32-9	29697-41	200.5 ± 1.0 µg/mL
2,4-dinitrophenol	000051-28-5	CEE-III-130	200.6 ± 1.0 µg/mL
dibenzofuran	000132-64-9	KB-080477	200.6 ± 1.0 µg/mL
2,4-dinitrotoluene	000121-14-2	18219TA	200.6 ± 1.0 µg/mL
4-nitrophenol	000100-02-7	LS-10425DR	200.6 ± 1.0 µg/mL
fluorene	000086-73-7	04003CK	200.6 ± 1.0 µg/mL
4-chlorophenyl phenyl ether	007005-72-3	04920PH	200.6 ± 1.0 µg/mL
diethyl phthalate	000084-66-2	09615KD	200.5 ± 1.0 µg/mL
4-nitroaniline	000100-01-6	KL-3926DK	200.6 ± 1.0 µg/mL
1,2-diphenylhydrazine	000122-66-7	JQ-12927HN	201.0 ± 1.0 µg/mL
2-methyl-4,6-dinitrophenol	000534-52-1	42136/4	200.2 ± 1.0 µg/mL
N-nitrosodiphenylamine	000086-30-6	286003	200.8 ± 1.0 µg/mL
2,4,6-tribromophenol	000118-79-6	RM-00912	200.6 ± 1.0 µg/mL
4-bromophenyl phenyl ether	000101-55-3	05819CO	200.3 ± 1.0 µg/mL
hexachlorobenzene	000118-74-1	DG-04416KY	201.0 ± 1.0 µg/mL
pentachlorophenol	000087-86-5	07119HO	200.6 ± 1.0 µg/mL
phenanthrene	000085-01-8	07419ME	200.6 ± 1.0 µg/mL
anthracene	000120-12-7	09924AJ	200.6 ± 1.0 µg/mL
carbazole	000086-74-8	CEE-III-129	201.0 ± 1.0 µg/mL
di-n-butyl phthalate	000084-74-2	AC-011687	200.7 ± 1.0 µg/mL
fluoranthene	000206-44-0	LB50809	200.7 ± 1.0 µg/mL
benzidine	000092-87-5	314498/1	201.0 ± 1.0 µg/mL
pyrene	000129-00-0	01216PE	200.9 ± 1.0 µg/mL

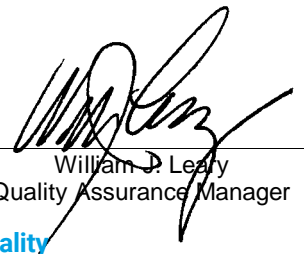
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p-terphenyl-d14	001718-51-0	PR-1551398	200.6 ± 1.0 µg/mL
butyl benzyl phthalate	000085-68-7	05613EO	200.7 ± 1.0 µg/mL
3,3'-dichlorobenzidine	000091-94-1	FCW-01	201.0 ± 1.0 µg/mL
benz[a]anthracene	000056-55-3	ER121707-01	200.5 ± 1.0 µg/mL
chrysene	000218-01-9	ER081006-02	200.5 ± 1.0 µg/mL
bis(2-ethylhexyl) phthalate	000117-81-7	D-22230	200.4 ± 1.0 µg/mL
di-n-octyl phthalate	000117-84-0	0001418030	201.0 ± 1.0 µg/mL
benzo[b]fluoranthene	000205-99-2	ER02208-02	200.7 ± 1.0 µg/mL
benzo[k]fluoranthene	000207-08-9	ER061608-02	200.7 ± 1.0 µg/mL
benzo[a]pyrene	000050-32-8	ER050707-01	200.7 ± 1.0 µg/mL
indeno[1,2,3-cd]pyrene	000193-39-5	ER082107-02	200.5 ± 1.0 µg/mL
dibenz[a,h]anthracene	000053-70-3	ER091206-01	200.7 ± 1.0 µg/mL
benzo[ghi]perylene	000191-24-2	ER041205-01	200.8 ± 1.0 µg/mL
1,4-dioxane	000123-91-1	05340DD	200.6 ± 1.0 µg/mL

**Matrix:** methylene chloride/benzene/methanol (90:7.5:2.5)

**Storage:** Store at < 4° C

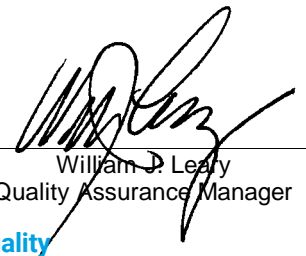
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