

## Custom Standard

**Product Number:** CUS-6150

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**Lot Number:** CH-1124

**Lot Issue Date:** 08-Apr-2011

**Expiration Date:** 31-Aug-2011

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. 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	PS-12070JS	200.9 ± 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	200.9 ± 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	444-49A	200.7 ± 1.0 µg/mL
2-methylphenol	000095-48-7	09416AA	200.6 ± 1.0 µg/mL
hexachloroethane	000067-72-1	BG-06203HF	200.0 ± 1.0 µg/mL
N-nitrosodi-n-propylamine	000621-64-7	FIN01	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

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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	200.0 ± 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	D-4420	200.7 ± 1.0 µg/mL
2,6-dinitrotoluene	000606-20-2	DU-08328CR	200.6 ± 1.0 µg/mL

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Analyte	CAS#	Analyte Lot	True Value
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	04420PH	200.7 ± 1.0 µg/mL
diethyl phthalate	000084-66-2	09615KD	201.0 ± 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	200.0 ± 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	226003	200.9 ± 1.0 µg/mL
2,4,6-tribromophenol	000118-79-6	RM00912	200.6 ± 1.0 µg/mL
4-bromophenyl phenyl ether	000101-55-3	KO-05819CO	201.0 ± 1.0 µg/mL
hexachlorobenzene	000118-74-1	DG-04416KY	200.0 ± 1.0 µg/mL
pentachlorophenol	000087-86-5	071190HO	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	200.0 ± 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	068K1027	200.0 ± 1.0 µg/mL
pyrene	000129-00-0	01216PE	200.9 ± 1.0 µg/mL

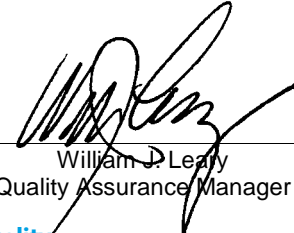
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Analyte	CAS#	Analyte Lot	True Value
p-terphenyl-d14	001718-51-0	PR-15513	200.6 ± 1.0 µg/mL
butyl benzyl phthalate	000085-68-7	05613ED	201.0 ± 1.0 µg/mL
3,3'-dichlorobenzidine	000091-94-1	FCW-01	200.0 ± 1.0 µg/mL
benz[a]anthracene	000056-55-3	ER121707-01	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	D33230	200.9 ± 1.0 µg/mL
di-n-octyl phthalate	000117-84-0	RM01159	201.0 ± 1.0 µg/mL
benzo[b]fluoranthene	000205-99-2	ER022008-02	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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