



Certificate of Analysis

Semi-Volatiles Mixture

Product Number: SVM-8271

Page: 1 of 2

Lot Number: CJ-4013

Lot Issue Date: 14-Nov-2012

Expiration Date: 31-Mar-2013

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
acetophenone	000098-86-2	RM01327	1003 ± 5 µg/mL
2-acetylaminofluorene	000053-96-3	RM01328	1002 ± 5 µg/mL
4-aminobiphenyl	000092-67-1	RM00459	1001 ± 5 µg/mL
aniline	000062-53-3	RM01326	1001 ± 5 µg/mL
benzyl alcohol	000100-51-6	RM05610	1002 ± 5 µg/mL
2,6-dichlorophenol	000087-65-0	RM02083	1001 ± 5 µg/mL
p-(dimethylamino)azobenzene	000060-11-7	RM02081	1000 ± 5 µg/mL
7,12-dimethylbenz[a]anthracene	000057-97-6	RM01352	1000 ± 5 µg/mL
m-dinitrobenzene	000099-65-0	NT02044	1002 ± 5 µg/mL
dinoseb	000088-85-7	RM03393	1000 ± 5 µg/mL
diphenylamine	000122-39-4	RM02095	1002 ± 5 µg/mL
ethyl methanesulfonate	000062-50-0	RM00794	1001 ± 5 µg/mL
hexachloropropene	001888-71-7	RM02248	1002 ± 5 µg/mL
isosafrole	000120-58-1	RM02268	1001 ± 5 µg/mL
3-methylcholanthrene	000056-49-5	RM03968	1000 ± 5 µg/mL
methyl methanesulfonate	000066-27-3	RM02300	1002 ± 5 µg/mL
m-cresol	000108-39-4	RM01873	1003 ± 5 µg/mL
1-naphthylamine	000134-32-7	RM02397	1001 ± 5 µg/mL
2-naphthylamine	000091-59-8	RM02396	1003 ± 5 µg/mL

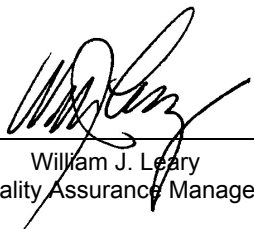
ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSS Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.



ISO 17025:2005
Accredited
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ISO 9001:2008
Registered
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250 Smith Street, North Kingstown, RI 02852 USA
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www.ultrasci.com


William J. Leary
Quality Assurance Manager



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N-nitrosodi-n-butylamine	000924-16-3	RM02403	1003 ± 5 µg/mL
N-nitrosodiethylamine	000055-18-5	RM00515	1002 ± 5 µg/mL
N-nitrosomethylethylamine	010595-95-6	RM06187	1004 ± 5 µg/mL
N-nitrosomorpholine	000059-89-2	RM00296	1000 ± 5 µg/mL
N-nitrosopiperidine	000100-75-4	RM04443	1000 ± 5 µg/mL
N-nitrosopyrrolidine	000930-55-2	NT00816	1000 ± 5 µg/mL
5-nitro-o-toluidine	000099-55-8	RM02392	1000 ± 5 µg/mL
pentachlorobenzene	000608-93-5	RM03776	1002 ± 5 µg/mL
pentachloroethane	000076-01-7	RM01495	1003 ± 5 µg/mL
pentachloronitrobenzene	000082-68-8	RM02477	1003 ± 5 µg/mL
phenacetin	000062-44-2	RM02471	1002 ± 5 µg/mL
safrole	000094-59-7	RM00919	1001 ± 5 µg/mL
1,2,4,5-tetrachlorobenzene	000095-94-3	RM02570	1001 ± 5 µg/mL
2,3,4,6-tetrachlorophenol	000058-90-2	RM01439	1003 ± 5 µg/mL
o-toluidine	000095-53-4	RM03878	1002 ± 5 µg/mL
1,3,5-trinitrobenzene	000099-35-4	rm01364	1001 ± 5 µg/mL

Matrix: methylene chloride (dichloromethane)

Storage: Store at Room Temperature (18-25° C)

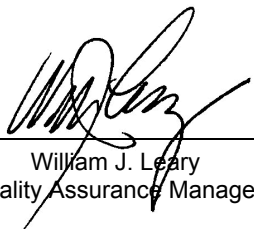
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