

# Certificate of Analysis

## ISO 17034

### Semi-Volatiles Standard

**Product Number:** SVM-8271-1

**Page:** 1 of 2

**Lot Number:** 0006480050

**Lot Issue Date:** 24-Jul-2019

**Expiration Date:** 30-Nov-2019

This ISO 17034 Reference Material (RM) was manufactured and verified in accordance with Agilent'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	RM04281	1002 ± 5 µg/mL
2-acetylaminofluorene	000053-96-3	RM03649	1002 ± 5 µg/mL
4-aminobiphenyl	000092-67-1	RM10914	1000 ± 5 µg/mL
aniline	000062-53-3	RM12853	1003 ± 5 µg/mL
benzyl alcohol	000100-51-6	RM10547	1002 ± 5 µg/mL
2,6-dichlorophenol	000087-65-0	RM02083	1001 ± 5 µg/mL
p-(dimethylamino)azobenzene	000060-11-7	RM02081	1001 ± 5 µg/mL
7,12-dimethylbenz[a]anthracene	000057-97-6	RM14230	1001 ± 5 µg/mL
m-dinitrobenzene	000099-65-0	RM14290	1001 ± 5 µg/mL
dinoseb	000088-85-7	RM14351	1002 ± 5 µg/mL
diphenylamine	000122-39-4	NT00707	1001 ± 5 µg/mL
ethyl methanesulfonate	000062-50-0	RM03827	1002 ± 5 µg/mL
hexachloropropene	001888-71-7	RM02248	1003 ± 5 µg/mL
isosafole	000120-58-1	RM02268	1001 ± 5 µg/mL
3-methylcholanthrene	000056-49-5	RM13766	1002 ± 5 µg/mL
methyl methanesulfonate	000066-27-3	RM11744	1002 ± 5 µg/mL
m-cresol	000108-39-4	RM12936	1002 ± 5 µg/mL
1-naphthylamine	000134-32-7	RM02814	1001 ± 5 µg/mL
2-naphthylamine	000091-59-8	RM10617	1002 ± 5 µg/mL
N-nitrosodi-n-butylamine	000924-16-3	RM02403	1001 ± 5 µg/mL
N-nitrosodiethylamine	000055-18-5	RM00515	1002 ± 5 µg/mL

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Analyte	CAS#	Analyte Lot	True Value
N-nitrosomethylethylamine	010595-95-6	RM14679	1001 ± 5 µg/mL
N-nitrosomorpholine	000059-89-2	RM10432	1003 ± 5 µg/mL
N-nitrosopiperidine	000100-75-4	RM13809	1003 ± 5 µg/mL
N-nitrosopyrrolidine	000930-55-2	RM11111	1002 ± 5 µg/mL
5-nitro-o-toluidine	000099-55-8	RM02392	1001 ± 5 µg/mL
pentachlorobenzene	000608-93-5	RM03776	1002 ± 5 µg/mL
pentachloroethane	000076-01-7	RM12084	1001 ± 5 µg/mL
pentachloronitrobenzene	000082-68-8	RM12207	1002 ± 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	RM11051	1000 ± 5 µg/mL
2,3,4,6-tetrachlorophenol	000058-90-2	RM14355	1003 ± 5 µg/mL
o-toluidine	000095-53-4	RM03878	1000 ± 5 µg/mL
1,3,5-trinitrobenzene	000099-35-4	RM06608	1004 ± 5 µg/mL

**Matrix:** methylene chloride (purified)**Storage:** Store at Room Temperature (15° to 30°C).

Agilent 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.

  
Monica Bourgeois  
QMS RepresentativeISO 17034 Cert No.  
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registered ISO 9001 Quality Management SystemISO 17025 Cert No.  
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