

Certificate of Analysis

Reference Material

Product Name:	Nitrosamines Mix 13	Catalogue Number:	MCHM703425-ME
Appearance:	Colourless Liquid	Lot Number:	1010-RD-0029
Solvent:	Methanol	Storage:	-20°C±5°C Protected from light and Sealed
Expiry Date:	Mar 01, 2024		
Chemical Structure:	N/A	Warning:	

NO.	Component	CAS No.	Certified Concentration Value (µg/mL)	Uncertainty (µg/mL)
1	N-Nitrosodibenzylamine	5336-53-8	999.2	30
2	N-Nitroso-N-Methylaniline	614-00-6	999.0	30
3	N-Nitroso-dimethylamine	62-75-9	1000.4	30
4	N-Nitroso-N-Ethylaniline	612-64-6	999.0	30
5	N-Nitroso-N,N-Di(3,5,5-Trimethylhexyl)Amine	1207995-62-7	1001.8	30
6	N-Nitrosodiisobutylamine	997-95-5	1000.6	30
7	N-Nitroso-Diethylamine	55-18-5	999.4	30
8	N-Nitroso-Diethanolamine	1116-54-7	1001.0	30
9	N-Nitrosodibutylamine	924-16-3	998.2	30
10	N-Nitroso-Di-N-Propylamine	621-64-7	1001.3	30
11	N-Nitrosomorpholine	59-89-2	1002.6	30
12	N-Nitrosopiperidine	100-75-4	999.4	30
13	N-Nitroso-Di-Iso-Propylamine	601-77-4	1002.0	30

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

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Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Mar 02, 2022

Date: Oct 11, 2022

Date: Oct 11, 2022

