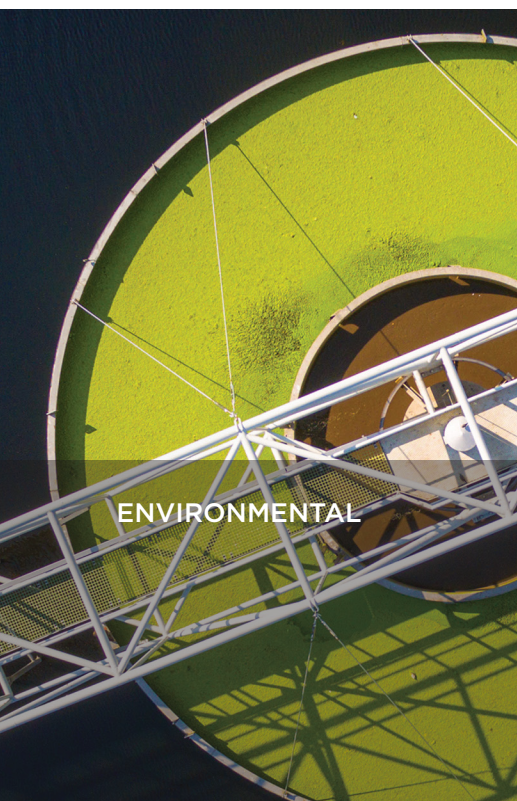




ENVIRONMENTAL



FOOD SAFETY



PHARMACEUTICAL

NITROSAMINE CERTIFIED REFERENCE MATERIALS

Ensure Accuracy in Your Nitrosamine Analysis

Nitrosamines are organic compounds that commonly form as by-products in processed foods, tobacco, cosmetics, and medications. They can arise during drug manufacturing processes, food preservation, or cooking at high temperatures. In the environment, nitrosamines are detected in water systems, primarily as a result of industrial discharges, agricultural runoffs, and water treatment processes.

Given their potential to adversely impact human health and ecosystems, testing for nitrosamine levels is essential. To meet these demands, ZeptoMetrix offers a comprehensive portfolio of certified reference materials, tailored to support key analytical methods and ensure regulatory compliance.

Nitrosamine Certified Reference Materials:

- Suitable for use with EPA Methods 521, 607, 8070A, 8270, and 8260D
- Suitable for use with other methods from the FDA, AOAC, USDA
- Suitable for use with ASTM Method D8456
- Single-compound solutions and mixes
- Custom synthesis available



[BIT.LY/NITROSAMINES-CRM](https://bit.ly/nitrosamines-crm)

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Single-compound solutions

Part No.	Product Name	Synonym	CAS No.	Concentration	Matrix
CRM9004.2-K-ME	N-Nitrosodimethylamine	NDMA	62-75-9	1000 µg/mL	methanol
CRM9005.3-K-ME	N-Nitrosomethylethylamine	NMEA; NEMA	10595-95-6	1000 µg/mL	methanol
CRM9006.4-K-ME	N-Nitrosodiethylamine	NDEA	55-18-5	1000 µg/mL	methanol
CRM9007.6-K-ME	N-Nitrosodi-n-propylamine	NDPA	621-64-7	1000 µg/mL	methanol
CRM9008.8-K-ME	N-Nitrosodi-n-butylamine	NDBA	924-16-3	1000 µg/mL	methanol
CRM9009.4-K-ME	N-Nitrosopyrrolidine	NPYR	930-55-2	1000 µg/mL	methanol
CRM9010.5-K-ME	N-Nitrosopiperidine	NPPI	100-75-4	1000 µg/mL	methanol
CRM11210.3-K-ME	N-Methyl(nitrosoamino)ethanol	n/a	26921-68-6	1000 µg/mL	methanol
CRM14258.5-K-ME	Ethylisopropyl nitrosamine	NEIPA, NIPEA	16339-04-1	1000 µg/mL	methanol
CRM14215.5-K-ME	4-(Methylnitrosoamino)butanoic acid	NMBA	61445-55-4	1000 µg/mL	methanol
CRM8986.4-K-AN	N-Nitrosopiperazine	1-Nitrosopiperazine	5632-47-3	1000 µg/mL	acetonitrile
CRM9018.7-K-ME	N-Nitrosomethylphenylamine	NMPA	614-00-6	1000 µg/mL	methanol
CRM9019.4-100-AN	1,4-Dinitrosopiperazine	n/a	140-79-4	100 µg/mL	acetonitrile
CRM9326.4-K-ME	N-Nitrosomorpholine	NMOR	59-89-2	1000 µg/mL	methanol
CRM9328.12-K-ME	N-Nitrosodiphenylamine	Ndiphen	86-30-6	1000 µg/mL	methanol
CRM9329.14-K-ME	N-Nitrosodibenzylamine	NDBzA	5336-53-8	1000 µg/mL	methanol
CRM10095.6-K-ME	N-Nitrosodiisopropylamine	NDIPA	601-77-4	1000 µg/mL	methanol
CRM9666.4-K-ME	N-Nitrosodiethanolamine	NDELA	1116-54-7	1000 µg/mL	methanol

Mixes

EPA Method 521

Part Number	Total Volume	Solvent
521-A	1 mL	Methylene Chloride
Product Name	CAS No.	Concentration
N-Nitrosodimethylamine	62-75-9	100 µg/mL
N-Nitrosomethylethylamine	10595-95-6	100 µg/mL
N-Nitrosodiethylamine	55-18-5	100 µg/mL
N-Nitrosodi-n-propylamine	621-64-7	100 µg/mL
N-Nitrosodi-n-butylamine	924-16-3	100 µg/mL
N-Nitrosopyrrolidine	930-55-2	100 µg/mL
N-Nitrosopiperidine	100-75-4	100 µg/mL

EPA Method 8070A

Part Number	Total Volume	Solvent
8070-X	1 mL	Methanol
Product Name	CAS No.	Concentration
N-Nitrosodimethylamine	62-75-9	2000 µg/mL
N-Nitrosodi-n-propylamine	621-64-7	2000 µg/mL
N-Nitrosodiphenylamine	86-30-6	2000 µg/mL

Mixes

EPA Method 607

Part Number	Total Volume	Solvent
607-X	1 mL	Methylene Chloride
Product Name	CAS No.	Concentration
N-Nitrosodimethylamine	62-75-9	1000 µg/mL
N-Nitrosodi-n-propylamine	621-64-7	1000 µg/mL
N-Nitrosodiphenylamine	86-30-6	1000 µg/mL

EPA Method 8270

Part Number	Total Volume	Solvent
8270-AF-C	1 mL	Methylene Chloride
Product Name	CAS No.	Concentration
n-Nitrosodi-n-butylamine	924-16-3	2000 µg/mL
n-Nitrosodiethylamine	55-18-5	2000 µg/mL
n-Nitrosodimethylamine	62-75-9	2000 µg/mL
n-Nitrosodiphenylamine	86-30-6	2000 µg/mL
n-Nitrosodi-n-propylamine	621-64-7	2000 µg/mL
n-Nitrosomethylethylamine	10595-95-6	2000 µg/mL
n-Nitrosomorpholine	59-89-2	2000 µg/mL
n-Nitrosopiperidine	100-75-4	2000 µg/mL
n-Nitrosopyrrolidine	930-55-2	2000 µg/mL



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