



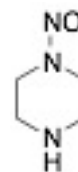
1. Identification

Catalogue Number

N545350

Lot Number

19-EQJ-144-1

StructureProduct Name

N-Nitrosopiperazine

Synonyms

1-Nitrosopiperazine; N-Mononitrosopiperazine; NSC 50269; NSC 525340;

CAS Number

5632-47-3

SolubilityChloroform (Slightly), Methanol
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_4H_9N_3O$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Light sensitive

Molecular Weight

115.13

Purity

>95%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Yellow Oil to Semi-Solid

Results

White to Yellow Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 40.55, %H: 7.68, %N: 35.30

GC Purity

>95%

99.79%

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

6/21/2025

Retest Date

6/19/2029