

**1. Identification**Catalogue Number

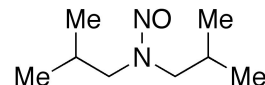
N525610

Lot Number

7-USH-157-4

Product Name

N-Nitrosodiisobutylamine

StructureSynonyms

2-Methyl-N-(2-methylpropyl)-N-nitroso-1-propanamine; 2,2'-Dimethyl-N-nitrosodipropylamine; Diisobutylnitrosamine; Diisobutylnitrosoamine; N,N-Diisobutylnitrosamine; N-Nitroso-di-iso-butylamine; NSC 134;

CAS Number

997-95-5

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₈H₁₈N₂OSource of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

158.24

Purity

>95%

2. Warnings

Light Sensitive

3. Analytical InformationTests

Appearance

Specifications

Colourless to Light Yellow Oil

Results

Colourless to Light Yellow Oil

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.85% (240 nm)

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 ± 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. SignaturesReviewed by

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

9/13/2024

Retest Date

9/11/2028