

1. Identification

Catalogue Number

H998635

Lot Number

2022-QIU-027

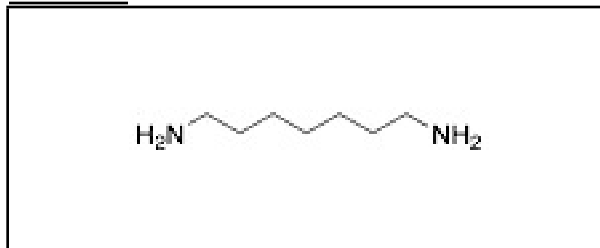
Product Name

Heptane-1,7-diamine

Synonyms

(7-Aminoheptyl)amine; 1,7-Diamino-n-heptane; 1,7-Diaminoheptane; 1,7-Heptamethylenediamine; 1,9-Diazanonane; Heptamethylenediamine; NSC 45777;

Structure



CAS Number

646-19-5

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₇H₁₈N₂

Source of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

130.23

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Low-Melting Solid

Results

White to Off-White Low-Melting Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 63.86, %H: 14.43, %N: 21.83

HPLC Purity

>95%

99.97% (ELSD)

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



Sarbjit Kaur

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Jr. Quality Assurance

Test Date

10/31/2022

Retest Date

10/29/2026