



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: H998635

CAS Number: 646-19-5

Product: Heptane-1,7-diamine

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

Structure:



Molecular Formula:

C₇H₁₈N₂

Molecular weight:

130.23

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 11-QIU-82-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Low-Melting Solid	Off-White Low-Melting Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 63.88, %H: 14.01, %N: 21.25
HPLC Purity	>95%	100.00% (ELSD)

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. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	6/15/2021	6/13/2025