



CERTIFICATE OF ANALYSIS

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1. Identification

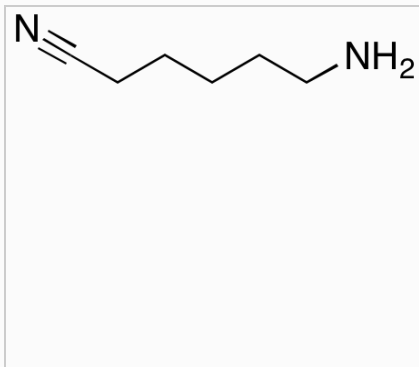
Catalogue Number: A618818

CAS Number: 2432-74-8

Product: 6-Aminohexanenitrile

Synonym: 5-Cyanopentylamine; 6-Aminocapronitrile; 6-Aminohexanonitrile; NSC 510; ε-Aminocapronitrile; ω-Aminocapronitrile

Structure:



Molecular Formula:

C₆H₁₂N₂

Molecular weight:

112.17

Source of Product:

N/A

Solubility:

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

Lot Number: 18-SBL-178-1

Purity: 95%

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:
FT-IR	Conforms to Structure	Conforms
Appearance	Colourless to Pale Yellow Oil	Clear Colourless to Pale Yellow Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
GC	Report Result	95.74%
Elemental Analysis	Conforms	%C: 63.13, %H: 10.39, %N: 24.22

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
Nicole Yip	Toni Rantanen	Chanell Chu	9/24/2021	9/22/2025