



CERTIFICATE OF ANALYSIS

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1. Identification

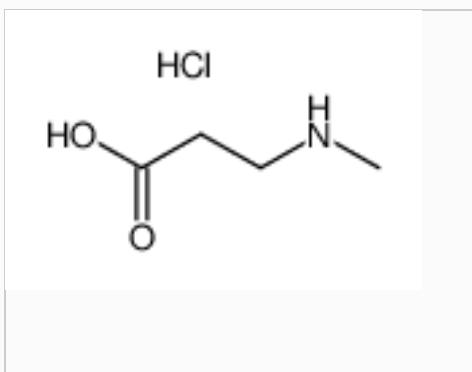
Catalogue Number: M328573

CAS Number: 65845-56-9

Product: 3-(Methylamino)propanoic acid hydrochloride

Synonym: N-Methyl-β-alanine hydrochloride

Structure:



Molecular Formula:

C₄H₁₀ClNO₂

Molecular weight:

139.58

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Sparingly)

Lot Number: 2022-PVA-054

Purity: 97%

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:
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 33.69, %H: 7.33, %N: 9.65
HPLC Purity	Report Result	99.52% (ELSD)
MS	Conforms to Structure	Conforms
Appearance	Pale Orange to Light Brown Solid	Pale Orange to Pale Red Solid
Chloride Content	Report Result	26.0%
C NMR	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. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	12/2/2022	11/30/2026