



CERTIFICATE OF ANALYSIS

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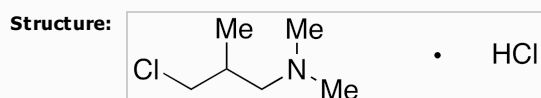
1. Identification

Catalogue Number: D470795

CAS Number: 4261-67-0

Product: 3-Dimethylamino-2-methylpropyl Chloride Hydrochloride

Synonym: 3-Chloro-N,N,2-trimethyl-1-propanamine Hydrochloride; 1-Chloro-2-methyl-3-(dimethylamino)propane Hydrochloride; 1-Chloro-3-(N,N-dimethylamino)-2-methylpropane Hydrochloride; 2,N,N-Trimethylaminopropyl Chloride Hydrochloride;



Molecular Formula:

C₆H₁₄ClN • HCl

Molecular weight:

172.1

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
Methanol (Slightly), Water
(Slightly)

Lot Number: 2023-PVA-049

Purity: 96%

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:
HPLC Purity	Report Result	96.11% (ELSD)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
Chloride Content	Report Result	20.9%
Appearance	White to Off-White Solid	White to Off-White Solid
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 42.01, %H: 8.85, %N: 8.19

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
Swathi Reddy	Toni Rantanen	Chanell Chu	2/7/2023	2/5/2027
