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CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2023

Re-test Date: May 2026

Product Name: Amiodarone EP Impurity H

Identification:

Chemical Name: 2-chloro-N,N-diethylethanamine Hydrochloride (as per EP)

Synonyms : Amiodarone USP Related
Compound H

CAS Number : 869-24-9

CAT Number : CP-A56008

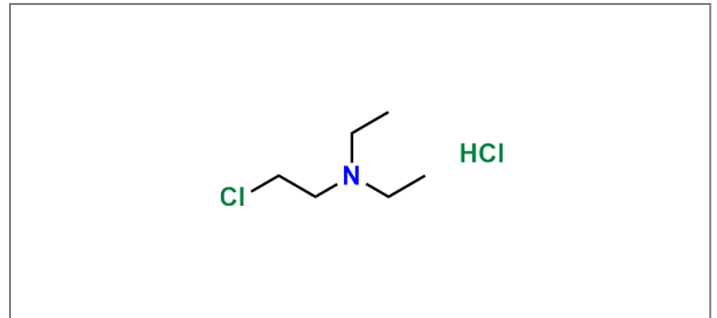
Molecular Formula : C₆H₁₄ClN : HCl

Molecular Weight : 135.63 : 36.3

Batch Number : CP-DIE-ETH-0623

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By GC	98.93%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.3284%
8)	Potency by TGA	98.6%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.