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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Mar 2027

Product Name: Chlorphenamine EP Impurity A

Identification:

Chemical Name: 2-(4-Chlorophenyl)-4-(dimethylamino)-2-(2-(dimethylamino)ethyl)butanenitrile dihydrochloride

Synonyms : NA

CAS Number : 2575516-39-9

CAT Number : CP-C70001

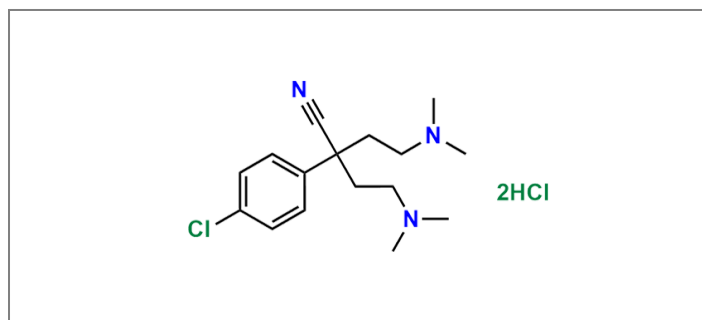
Molecular Formula : C₁₆H₂₄ClN₃ : 2(HCl)

Molecular Weight : 293.8 : 2(36.46)

Batch Number : CP-CHL-A-0324

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.81%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	6.217%
8)	Potency by TGA	93.6%



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.