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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2023

Re-test Date: Aug 2026

Product Name: Chlorpromazine EP Impurity D

Identification:

Chemical Name: 3-(2-Chloro-10H-phenothiazin-10-yl)-N-methylpropan-1-amine hydrochloride

Synonyms : Demethylchlorpromazine ;
Monomethylchlorpromazine

CAS Number : 3953-65-9

CAT Number : CP-C19004

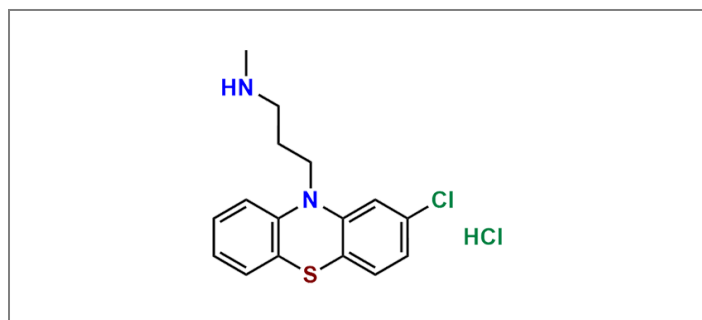
Molecular Formula : C₁₆H₁₇ClN₂S : HCl

Molecular Weight : 304.8 : 36.5

Batch Number : CP-CHL-D-0923

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	Off White to Light Gray Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.74%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.2694%
8)	Potency by TGA	98.47%



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.