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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

**Product Name: Chlorpromazine EP impurity C**

### Identification:

Chemical Name: 3-(10H-Phenothiazin-10-yl)-N,N-dimethylpropan-1-amine Hydrochloride

Synonyms : Promazine ; Esparin

CAS Number : 53-60-1

CAT Number : CP-C19003

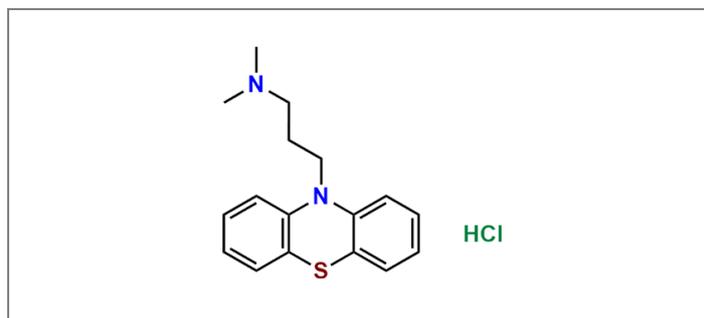
Molecular Formula : C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>S : HCl

Molecular Weight : 284.42 : 36.46

Batch Number : CP-CHLO-C-0823

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.11%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	0.020%
7)	Potency by TGA	96.09%



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

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