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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2025

Re-test Date: Jun 2028

**Product Name: Chlorpromazine EP Impurity B**

### Identification:

Chemical Name: N-[3-(2-Chloro-10H-phenothiazin-10-yl)propyl]-N,N',N'-trimethylpropane-1,3-diamine hydrochloride

Synonyms : NA

CAS Number : NA

CAT Number : CP-C19002

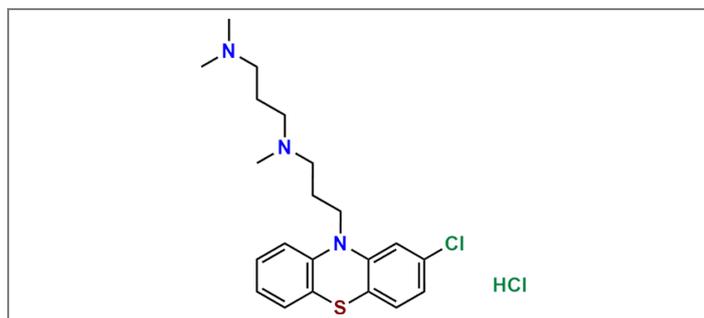
Molecular Formula : C<sub>21</sub>H<sub>28</sub>ClN<sub>3</sub>S · HCl

Molecular Weight : 390.0 : 36.46

Batch Number : CHEM-CHLO-B

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	Grey Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.89%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure



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.