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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2022

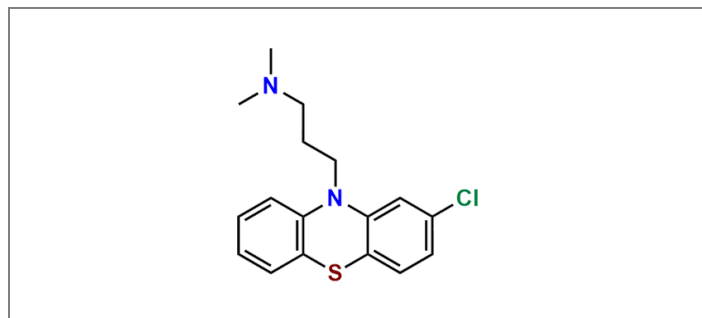
Re-test Date: Jul 2025

**Product Name: Chlorpromazine (In House Standard)**

### Identification:

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

Synonyms : NA  
CAS Number : 50-53-3  
CAT Number : CP-C19000  
Molecular Formula : C<sub>17</sub>H<sub>19</sub>ClN<sub>2</sub>S  
Molecular Weight : 318.83  
Batch Number : CHEM-CHL-HC



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	99.12%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



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.