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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Alimemazine Hemitartrate (In House Standard)**

### Identification:

Chemical Name: (2RS)-N,N,2-Trimethyl-3-(10H-phenothiazin-10-yl)propan-1-amine hemi[(2R,3R)-2,3-dihydroxybutanedioate] (as per EP)

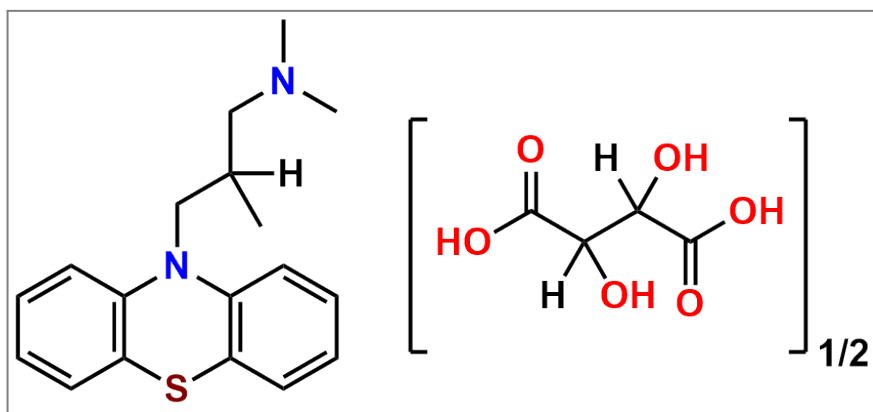
Synonyms : Alimemazinum;  
Methylpromazine ;  
Teralen; Teralene;  
Trimeprazine

CAS Number : 4330-99-8

CAT Number : CP-A110000

Molecular Formula : C<sub>18</sub>H<sub>22</sub>N<sub>2</sub>S :  
1/2(C<sub>4</sub>H<sub>6</sub>O<sub>6</sub>)

Molecular Weight : 298.4 : 1/2(150.1)



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure

**Prepared and Reviewed By**

**Approved By**




Ms Priyanka Salunkhe  
(Manager QC Analytical)



Ms Rohini Gagare  
(QA Head)

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