



## SYNCHEMIA RESEARCH CHEMICAL

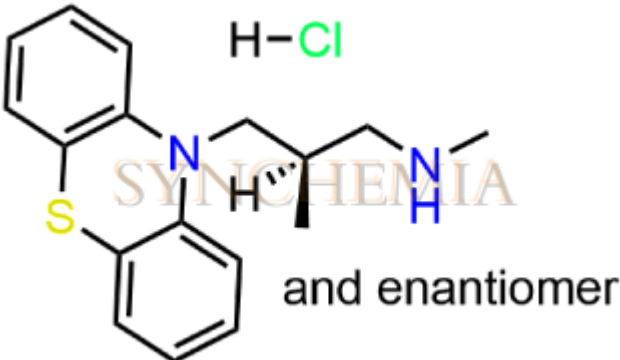
Plot No.408, Prakash Industries, 1st Floor, Bhare Phata, Tal- Mulshi, Dist- Pune, Maharashtra India.

Mob.No: 9404317505 / 7276018915

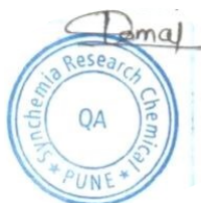
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### CERTIFICATE OF ANALYSIS

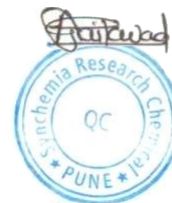
<b>Product Name</b>	: Alimemazine EP Impurity B Hydrochloride	
<b>CAS NO</b>	: 108883-87-0	
<b>Batch No</b>	: NA	
<b>Date of Analysis</b>	: NA	
<b>Retest Date</b>	: NA	
<b>Structure</b>	:  and enantiomer	
<b>Chemical Name</b>	: (2RS)-N,2-Dimethyl-3-(10H-phenothiazin-10-yl)propan-1-amine Hydrochloride	
<b>Molecular Formula</b>	: C <sub>17</sub> H <sub>20</sub> N <sub>2</sub> S : HCl	
<b>Molecular Weight</b>	: 284.4 : 36.5g/mole	
Sr. No.	Test	Result
1)	<b>Description</b>	NA
2)	<b>Solubility</b>	DMSO, METHANOL
3)	<b>Identification</b> 1.Mass 2.1H NMR 3.IR	Confirm to structure Confirm to structure Confirm to structure
4)	<b>Purity by HPLC</b>	NA
<b>Long Term Storage Condition</b> 2-8 degrees Celsius		

Prepared and Reviewed By



Ms Ashwini Gaikwad  
(QC DEPARTMENT)

Approved By



Ms Komal Kapase  
(QA DEPARTMENT)



**Note:** This is only for Analytical testing purpose, not for Human or Animal Consumption