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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Chlorphenamine EP Impurity C Maleate**

### Identification:

Chemical Name: (3RS)-3-(4-Chlorophenyl)-N-methyl-3-(pyridin-2-yl)propan-1-amine maleate

Synonyms : Desmethyl Chlorpheniramine  
Maleate ; Chlorpheniramine USP  
Related Compound C

CAS Number : 22630-25-7

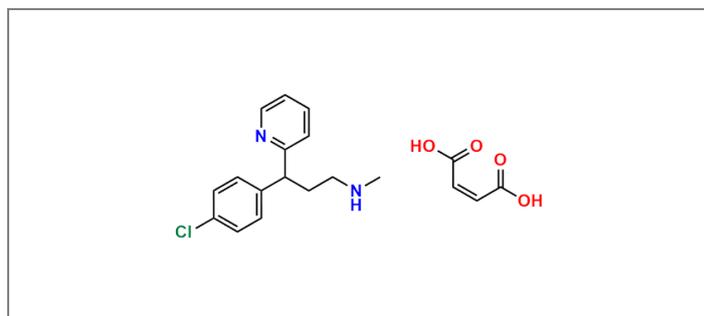
CAT Number : CP-C70008

Molecular Formula : C<sub>15</sub>H<sub>17</sub>ClN<sub>2</sub> : C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>

Molecular Weight : 260.76 : 116.1

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



#### Prepared and Reviewed By



Mr. Shubham Bondre  
(Quality Control)

#### Approved By



Mr. Abhijit Kale  
(Quality Assurance)

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