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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

**Product Name: Cetirizine EP Impurity A**

### Identification:

Chemical Name: (RS)-1-[(4-chlorophenyl)phenyl methyl]piperazine

Synonyms : Cetirizine CBHP Impurity (USP)

CAS Number : 303-26-4

CAT Number : CP-C14001

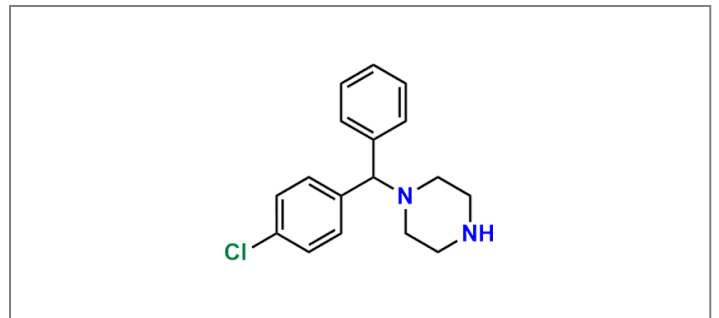
Molecular Formula : C17H19ClN2

Molecular Weight : 286.79

Batch Number : CHEM-LEV-A-1511-001

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	98.71 %
5)	H1NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	2.79 %
8)	Potency by TGA	95.92 %



**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.