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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2027

**Product Name: Cetirizine EP Impurity G**

### Identification:

Chemical Name: 2-[4-[(4-Chlorophenyl)phenylmethyl]piperazin-1-yl]ethanol Dihydrochloride

Synonyms : Cetirizine Ethanol Impurity ;  
Cetirizine USP Related  
Compound G

CAS Number : 164726-80-1

CAT Number : CP-C14007

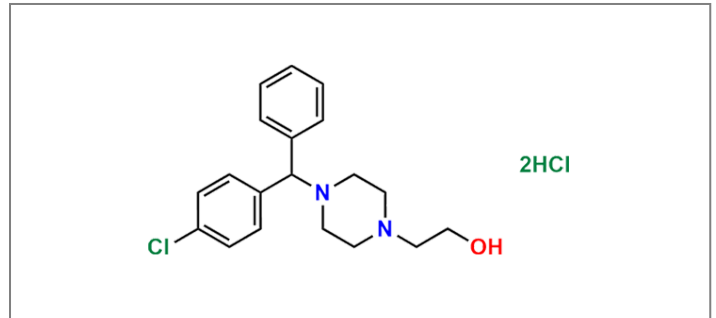
Molecular Formula : C<sub>19</sub>H<sub>23</sub>ClN<sub>2</sub>O : 2HCl

Molecular Weight : 330.86 : 2(36.46)

Batch Number : CP-CET-G-0224

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	Off White to Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.6%
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.