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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

**Product Name: Cetirizine EP Impurity F**

### Identification:

Chemical Name: 2-[2-[4-(diphenylmethyl)piperazin-1-yl]ethoxy]acetic acid (as per EP & USP)

Synonyms : Deschloro Cetirizine (USP)

CAS Number : 83881-53-2

CAT Number : CP-C14006

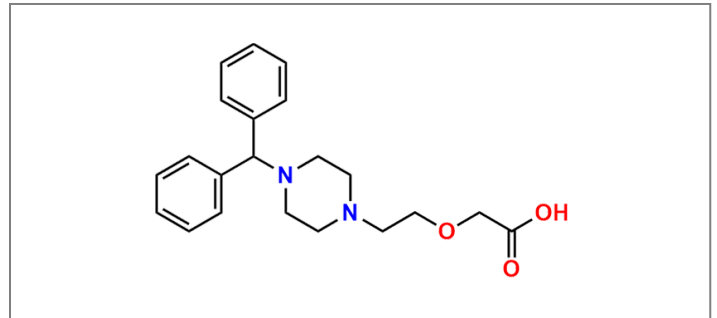
Molecular Formula : C<sub>21</sub>H<sub>26</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight : 354.44

Batch Number : CP-CET-F-0723

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	98.99%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	1.896%
9)	Potency by TGA	97.11%



**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.