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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

Re-test Date: May 2028

**Product Name: Ciprofloxacin EP Impurity C**

### Identification:

Chemical Name: 7-[(2-Aminoethyl)amino]-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrochloride (as per EP)

Synonyms : Ciprofloxacin Ethylenediamine Analog (USP) ; Ciprofloxacin BP Impurity C

CAS Number : 528851-31-2

CAT Number : CP-C22003

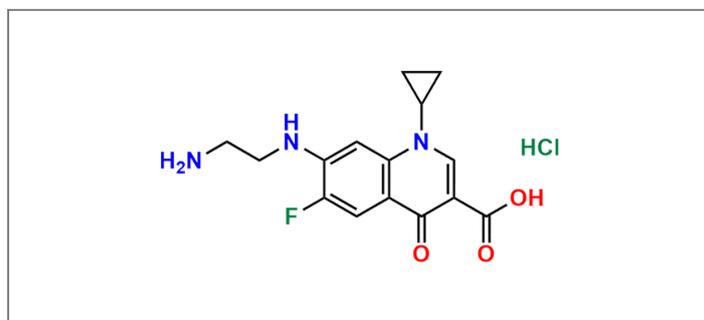
Molecular Formula : C<sub>15</sub>H<sub>16</sub>FN<sub>3</sub>O<sub>3</sub> : HCl

Molecular Weight : 305.3 : 36.46

Batch Number : CHEM-CIP-C

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	Pale Yellow to Yellow Solid
2)	Solubility	Soluble in DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.95%
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**

A handwritten signature in blue ink, appearing to be "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

A handwritten signature in blue ink, appearing to be "Rohini Gagare".

Ms Rohini Gagare  
(Quality Assurance)

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