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### CERTIFICATE OF ANALYSIS

Analysis Date:

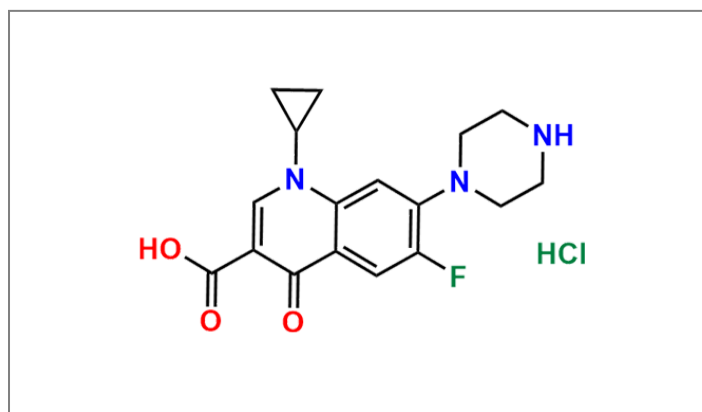
Re-test Date:

**Product Name: Ciprofloxacin Hydrochloride Monohydrate (In House Standard)**

#### Identification:

Chemical Name: 1-Cyclopropyl-6-fluoro-4-oxo-7-(piperazin-1-yl)-1,4-dihydroquinoline-3-carboxylic acid Hydrochloride Hydrate

Synonyms : NA  
CAS Number : 86393-32-0  
CAT Number : CP-C22021  
Molecular Formula : C<sub>17</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>3</sub>:HCl:H<sub>2</sub>O  
Molecular Weight : 331.3:36.5:18.0



#### 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	>98%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



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.