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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2024

Re-test Date: Mar 2027

Product Name: N-Formyl Ciprofloxacin

Identification:

Chemical Name: 1-Cyclopropyl-6-fluoro-7-(4-formyl-1-piperazinyl)-1,4-dihydro-4-oxo-3-quinolinecarboxylic Acid

Synonyms : Formyl Ciprofloxacin

CAS Number : 93594-39-9

CAT Number : CP-C22008

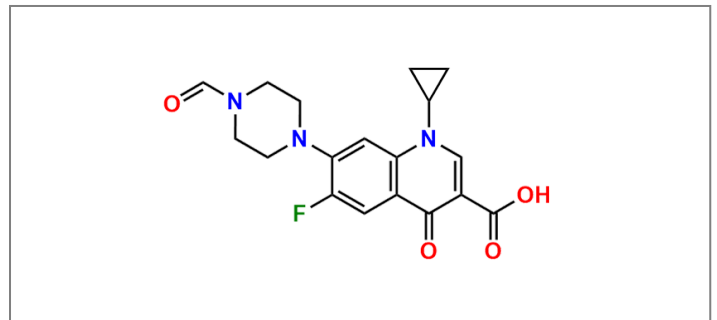
Molecular Formula : C₁₈H₁₈FN₃O₄

Molecular Weight : 359.35

Batch Number : CP-CIP-FOR-0424

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 Solid
2)	Solubility	Soluble in Methanol: ACN: H ₂ O (8:2:1)/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.08%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	0.239%
8)	Potency by TGA	98.84%



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.