

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

Product Name: Levofloxacin EP Impurity G

Identification:

Chemical Name: (S)-9-fluoro-3-methyl-10-((2-(methylamino)ethyl)amino)-7-oxo-2,3-dihydro-7H-[1,4]oxazino[2,3,4-ij]quinoline-6-carboxylic acid hydrochloride

Synonyms : Levofloxacin USP Related compound E ; Levofloxacin Desethylene Impurity ; N,N'-Desethylene Levofloxacin Hydrochloride

CAS Number : 1346603-62-0

CAT Number : CP-L17007

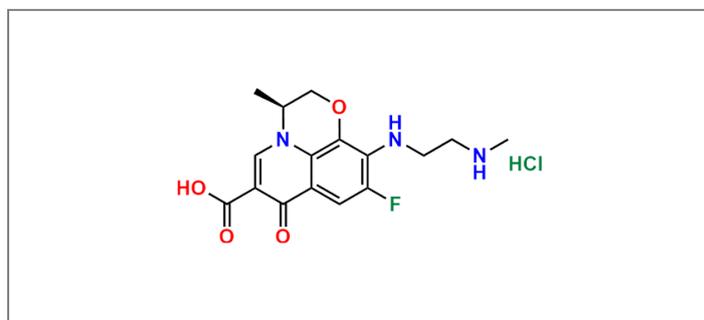
Molecular Formula : C₁₆H₁₈FN₃O₄ : HCl

Molecular Weight : 335.34 : 36.5

Batch Number : CHEM-LEV-A-1001-001

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/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.57%
5)	¹ H NMR	Confirm to structure
6)	Weight loss by TGA	3.480%
7)	Potency by TGA	94.17%



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

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