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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2029

Product Name: Levofloxacin EP Impurity A

Identification:

Chemical Name: (3R)-9-Fluoro-3-methyl-10-(4-methylpiperazin-1-yl)-7-oxo-2,3-dihydro-7H-pyrido[1,2,3-de][1,4]benzoxazine-6-carboxylic acid (as per EP)

Synonyms : (R)-(+)-Ofloxacin ; D-Ofloxacin ;
Ofloxacin R-Isomer ;
Levofloxacin D-Isomer

CAS Number : 100986-86-5

CAT Number : CP-L17001

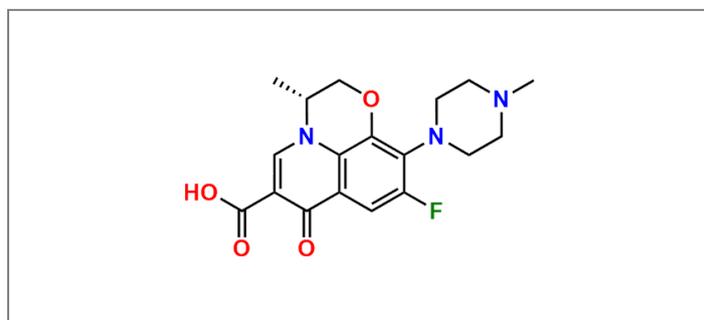
Molecular Formula : C₁₈H₂₀FN₃O₄

Molecular Weight : 361.37

Batch Number : CP-LEV-A-0126

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	100.00%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	3.857%
7)	Potency by TGA	96.14%



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.