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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2024

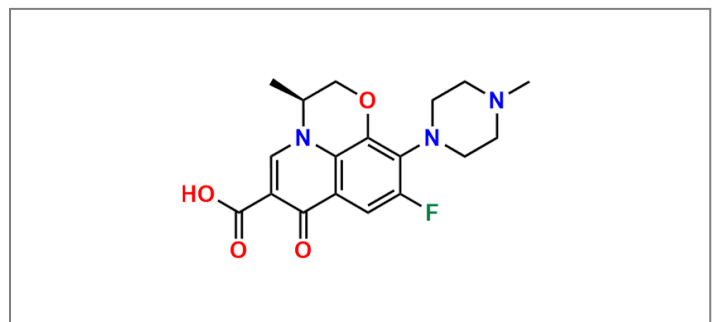
Re-test Date: Sep 2027

**Product Name: Levofloxacin (In House Standard)**

### Identification:

Chemical Name: (3S)-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

Synonyms : NA  
CAS Number : 100986-85-4  
CAT Number : CP-L17000  
Molecular Formula : C<sub>18</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>4</sub>  
Molecular Weight : 361.37  
Batch Number : CP-LEV-IN-1024  
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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.67%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	2.318%
7)	Potency by TGA	97.35%



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.