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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

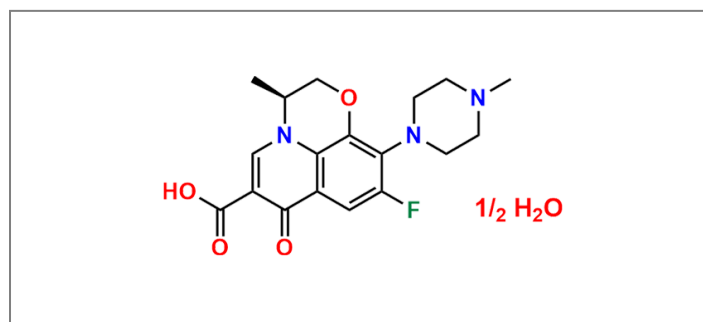
Re-test Date: Jul 2027

**Product Name: Levofloxacin Hemihydrate**

### 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 hemihydrate

Synonyms : NA  
CAS Number : 138199-71-0  
CAT Number : CP-L17011  
Molecular Formula : C<sub>18</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>4</sub> : 1/2H<sub>2</sub>O  
Molecular Weight : 361.37 : 1/2(18.0)  
Batch Number : CP-LEV-HEM-IN-0824



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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.77%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**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.