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## CERTIFICATE OF ANALYSIS

Analysis Date:

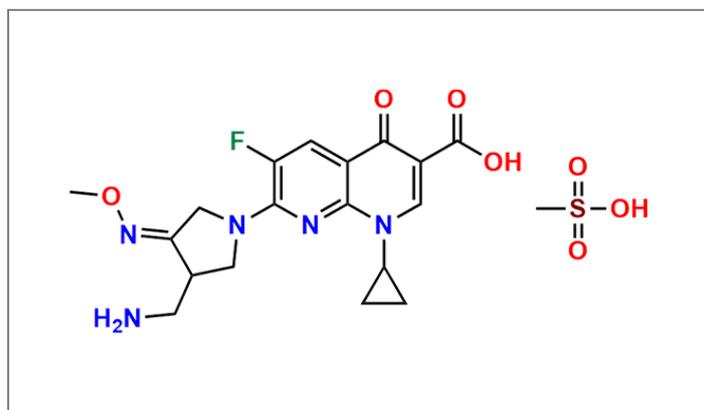
Re-test Date:

**Product Name: Gemifloxacin Mesylate (In House Standard)**

### Identification:

Chemical Name: (Z)-7-(3-(aminomethyl)-4-(methoxyimino)pyrrolidin-1-yl)-1-cyclopropyl-6-fluoro-4-oxo-1,4-dihydro-1,8-naphthyridine-3-carboxylic acid compound with methanesulfonic acid (1:1)

Synonyms : NA  
CAS Number : 210353-53-0  
CAT Number : CP-G30005  
Molecular Formula : C<sub>18</sub>H<sub>20</sub>FN<sub>5</sub>O<sub>4</sub> : CH<sub>4</sub>O<sub>3</sub>S  
Molecular Weight : 389.39 : 96.1



### Analytical Information:

| Sr. No. | Test           | Result                   |
|---------|----------------|--------------------------|
| 1)      | Description    | Solid                    |
| 2)      | Solubility     | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS   | Confirm to structure     |
| 4)      | Purity By HPLC | >98%                     |
| 5)      | H1NMR          | 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.