

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- <u>info@chemicea.com</u> Mob- +91 9284897978

# **CERTIFICATE OF ANALYSIS**

Analysis Date:

Re-test Date:

### Product Name: Levofloxacin Impurity 13

### Identification:

Chemical Name: 6,8-Difluoro-1,4-dihydro-1-[(1S)-2-hydroxy-1-methylethyl]-7-(4-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid, hydrochloride (1:1)

| Synonyms          | : NA                 |     |
|-------------------|----------------------|-----|
| CAS Number        | : NA                 | OH  |
| CAT Number        | : CP-L17032          |     |
| Molecular Formula | : C18H21F2N3O4 : HCl | HO  |
| Molecular Weight  | : 381.38 : 36.46     | 8 8 |
|                   |                      |     |

## **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 | >95%                     |
| 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.

