









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- info@chemicea.com Mob- +91 9284897978

## **CERTIFICATE OF ANALYSIS**

Analysis Date: Re-test Date:

Product Name: Leuprolide EP Impurity A (TFA salt)

## **Identification:**

Chemical Name: [4-D-Serine]leuprorelin 2,2,2-trifluoroacetate (as per EP)

Synonyms: D-Ser-

Leuprolide

CAS

Number

: NA

CAT

Number

: CP-L73017

Molecular

C59H84N16O12

Formula : C2HF3O2

Molecular

1209.42:

Weight . 114.02

| euproreiin 2,2,2-triiluoroacetate (as per EP) |                                 |
|---|---------------------------------|
| O N NH HO NH HO OH                            | HN NH <sub>2</sub> NH NH NH F F |

## **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** 

Aug 20

Ms Priyanka Salunkhe (Manager QC Analytical) Approved By

Gagare

Ms Rohini Gagare (QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.