

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: Apr 2025

Re-test Date: Mar 2028

Product Name: Lidocaine EP Impurity E

Identification:

Chemical Name: 2,2'-Iminobis(N-(2,6-Dimethylphenyl)acetamide Hydrochloride

Synonyms : Lidocaine USP Impurity E ;
Lidocaine Dimer Impurity

CAS Number : 1135231-62-7

CAT Number : CP-L20014

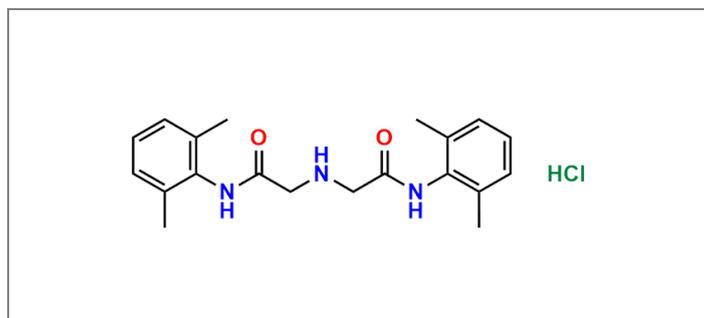
Molecular Formula : C₂₀H₂₅N₃O₂ : HCl

Molecular Weight : 339.39 : 36.46

Batch Number : CP-LID-E-0524

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 DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 94.06% |
| 5) | ¹ H NMR | Confirm to structure |
| 6) | IR | Confirm to structure |
| 7) | Weight loss by TGA | 0.174% |
| 8) | Potency by TGA | 93.90% |



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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