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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2027

Product Name: Lidocaine EP Impurity B

Identification:

Chemical Name: 2-(Diethylazinoyl)-N-(2,6-dimethylphenyl)acetamide

Synonyms : Lidocaine N-Oxide

CAS Number : 2903-45-9

CAT Number : CP-L20002

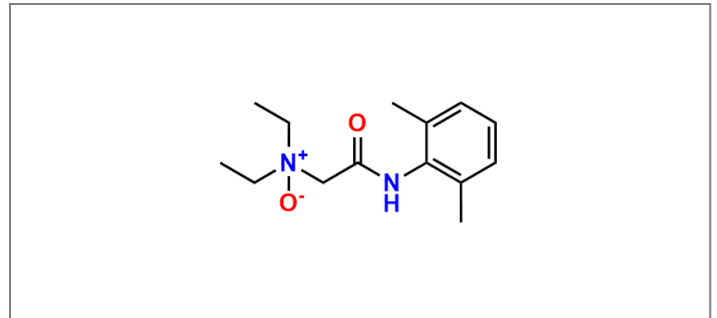
Molecular Formula : C₁₄H₂₂N₂O₂

Molecular Weight : 250.34

Batch Number : CP-LID-B-0224

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 | 97.53% |
| 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.