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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

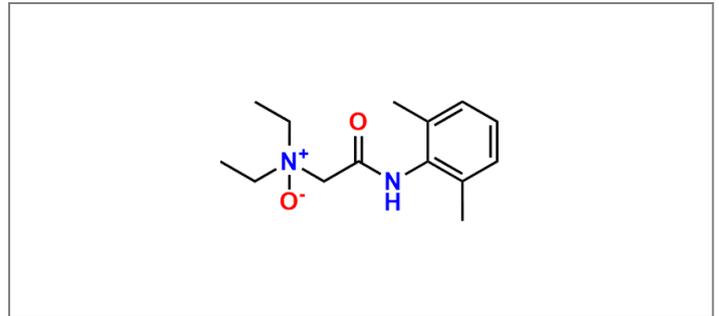
Molecular Formula : C₁₄H₂₂N₂O₂

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)	¹ HNMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	1.042%
8)	Potency by TGA	96.51%



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.