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CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2027

Product Name: Lidocaine EP Impurity J

Identification:

Chemical Name: 2-(Diethylamino)-N-(2,5-dimethylphenyl)acetamide Hydrochloride

Synonyms : Lidocaine 2,5-Dimethyl Analog

CAS Number : 1012864-23-1

CAT Number : CP-L20010

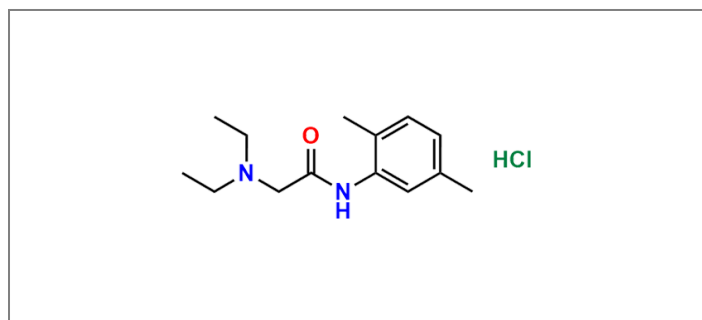
Molecular Formula : C₁₄H₂₂N₂O : HCl

Molecular Weight : 234.34 : 36.46

Batch Number : CP-LID-J-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	Light Brown Liquid
2)	Solubility	Soluble in DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.64%
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.