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CERTIFICATE OF ANALYSIS

Analysis Date: May 2024

Re-test Date: Apr 2027

Product Name: Lidocaine EP Impurity K

Identification:

Chemical Name: N-(2,6-Dimethylphenyl)-2-(ethyl(methyl)amino)acetamide hydrochloride

Synonyms : Lidocaine BP Impurity K

CAS Number : 50295-20-0

CAT Number : CP-L20011

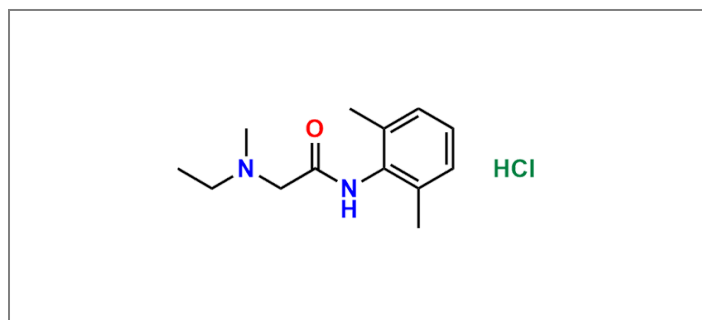
Molecular Formula : C₁₃H₂₀N₂O : HCl

Molecular Weight : 220.32 : 36.46

Batch Number : CP-LID-K-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	Brown Liquid
2)	Solubility	Soluble in DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.35%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	4.46%
8)	Potency by TGA	91.89%



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.