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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

Product Name: Nicotine EP Impurity E

Identification:

Chemical Name: (1R,2S)-1-Methyl-2-(pyridin-3-yl)pyrrolidine 1-oxide

Synonyms : Nicotine USP Related Compound
E ; Nicotine N-Oxide

CAS Number : 491-26-9

CAT Number : CP-N8005

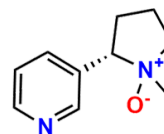
Molecular Formula : C₁₀H₁₄N₂O

Molecular Weight : 178.23

Batch Number : CP-NIC-NO-0125

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.96 %
5)	¹ HNMR	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.