Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

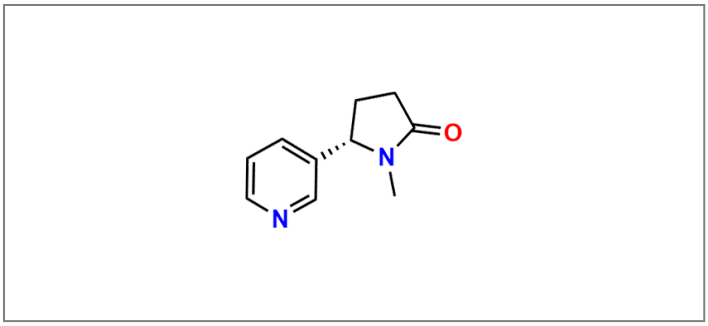
CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2026 Re-test Date: Aug 2029

Product Name: Nicotine EP Impurity C

Identification:

Chemical Name: (S)-1-methyl-5-(pyridin-3-yl)pyrrolidin-2-one



Synonyms	:	Nicotine USP Related Compound C ; Cotinine (EP)
CAS Number	:	486-56-6
CAT Number	:	CP-N8003
Molecular Formula	:	C10H12N2O
Molecular Weight	:	176.22
Batch Number	:	CP-NIC-C-0524
Storage Condition	:	Tightly closed, Inert atmosphere at -20° C
Shipping condition	:	At low temperature with dry ice and ice pack gel

Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow to Light Brown Oil
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	96.59%
5)	1HNMR	Confirm to structure

Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.