

# CEFA-CILINAS BIOTICS PVT LTD

PLOT NO. W-8, CHIKALTHANA MIDC, CHHATRAPATI SAMBHAJINAGAR - 431001, MH INDIA.

09.01.2026

## CERTIFICATE OF ANALYSIS

Product Name	NICOTINE EP (NIC)		
CAS No.	581-49-7	HS Code	29397910
Mfg Date	Jan 2026	Exp Date	Jan 2028
Batch No.	CEFA-NICEP -20260001	Batch Size	1000 kgs
Packaging	25 Kgs		

Sr No	Tests	Specifications	Results
1	Appearance	Clear Colourless to Play Yellow oily and hygroscopic liquid	Complies
2	Solubility	Soluble in water , miscible in ethanol and chloroform	Complies
3	Moisture	NMT 0.50%	0.30%
4	Storage Conditions	Below 25°C under nitrogen ; in airtight containers protected from light	Complies
5	Identification specific rotation	-140°to -150°	Complies
6	Appearance	Solution should be clear and not more intense than Ys and B Ys	Complies
	Chemical		
7	Assay by Non-Aqueous Titration(anhydrous basis) W/W%	99.00 To 101.00	99.53



Sr No	Tests	Specifications	Results
Related Substances (HPLC) Area%			
8	Nicotine N oxide(imp.E)	NMT 0.30%	Not Detected
9	Cotinine (imp.C)	NMT 0.30%	0.18%
10	Nornicotine(imp.F)	NMT 0.30%	Not Detected
11	Anatabine (imp.A)	NMT 0.30%	0.16%
12	Myosmine (imp.D)	NMT 0.30%	Not Detected
13	Anabasis (imp.G)	NMT 0.30%	0.17%
14	B-Nicotyrine (imp.B)	NMT 0.30%	Not Detected

**Remark:** The above product complies as per our specification & standard methods.



*Kiran G Pawar*

Mr Kiran G Pawar  
Dept of Quality Control (QC)