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

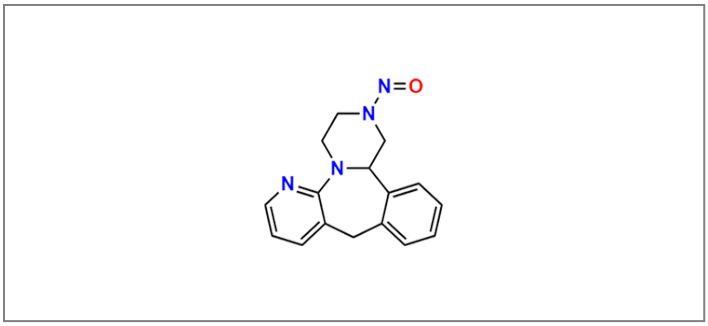
CERTIFICATE OF ANALYSIS

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

Product Name: N-Nitroso Mirtazapine EP Impurity D

Identification:

Chemical Name: 2-Nitroso-1,2,3,4,10,14b-hexahydrobenzo[c]pyrazino[1,2-a]pyrido[3,2-f]azepine



Synonyms	:	N-Nitroso Mirtazapine USP Related Compound A ; N-Nitroso N-Desmethyl Mirtazapine
CAS Number	:	NA
CAT Number	:	CP-M49012
Molecular Formula	:	C16H16N4O
Molecular Weight	:	280.32
Batch Number	:	CP-MIR-NITD-0224
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 to Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.13%
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	0.171 %
7)	Potency	98.96%

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.