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
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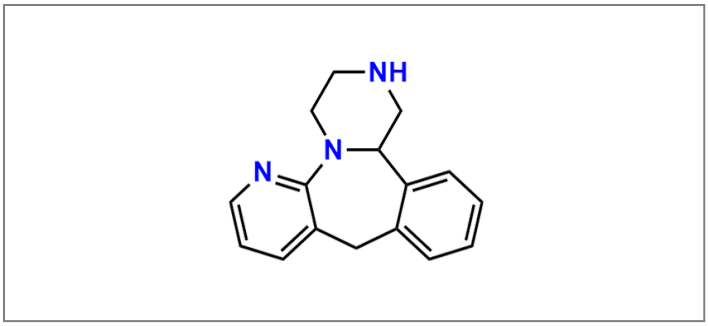
CERTIFICATE OF ANALYSIS

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

Product Name: Mirtazapine EP Impurity D

Identification:

Chemical Name: (14bRS)-1,2,3,4,10,14b-hexahydropyrazino[2,1-a]pyrido[2,3-c][2]benzazepine (as per EP)



Synonyms	:	Mirtazapine USP Related Compound A ; N-Desmethyl Mirtazapine
CAS Number	:	61337-68-6
CAT Number	:	CP-M49004
Molecular Formula	:	C16H17N3
Molecular Weight	:	251.33
Batch Number	:	CHR-MRT-IMP-03-153
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 Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	93.87%
5)	1HNMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	FT-IR	Confirm to Structure
8)	Weight loss by TGA	0.928%
9)	Potency	93.00%

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.