

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM020001-01)

Release Date: 28/03/2024

Re-test Date: 27/03/2027

## Mirtazapine PRS

### Identification

**Chemical Name :**

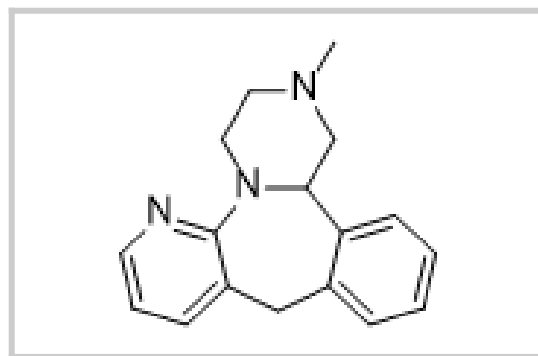
2-methyl-1,2,3,4,10,14b-hexahydrobenzo[c]pyrazino[1,2-a]pyrido[3,2-f]azepine

CAT No. : KMM020001

CAS No. : 85650-52-8

Molecular Formula : C<sub>17</sub>H<sub>19</sub>N<sub>3</sub>

Molecular Weight : 265.35



### Analytical Information

Batch No. : MIR-PRS-073-145

Description : White Solid

HPLC Purity : 99.97 %

Weight Loss By TGA : 0.02 %

% Potency : 99.95 %

Solubility : ACN

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 0.02(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 99.95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		04/04/2024

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA