

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM020001-01)

Release Date: 28/03/2024

Re-test Date: 27/03/2027

## Mirtazapine PRS

### Identification

**Chemical Name :**

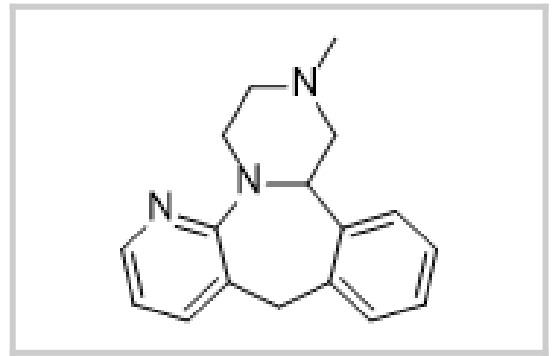
2-methyl-1,2,3,4,10,14b-hexahydrobenzo[c]pyrazino[1,2-a]pyrido[3,2-f]azepine

**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
<b>Prepared By</b>	Analytical	Jignesh Patel		04/04/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		04/04/2024

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