

## CERTIFICATE OF ANALYSIS

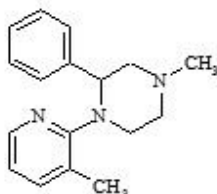
Reference Substance

Date:

Mirtazapine Impurity E

**Batch No.**

IUPAC Name: 4-Methyl-1-(3-methyl-2-pyridinyl)-2-phenylpiperazine

Molecular Formula: C<sub>17</sub>H<sub>21</sub>N<sub>3</sub>

Molecular weight: 267.36g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	Light yellow solid	-----
2	Purity by HPLC	97.93%	Chromatogram attached
3	NMR	Conform	Report attached
4	MASS	Conform	Report attached

**Storage condition:** Store at 2-8°C, protect from direct sunlight**Shipment date:**

This certificate of analysis is valid for two years from date of manufacturing, provided the substance is stored under suitable conditions.

**Manufacturing date:****Retest date:****Document data reference:***Prepared by**Reviewed by**Approved by*