CERTIFICATE OF ANALYSIS

(Certificate No. KMM020003-01)

Release Date: 19/04/2024 **Re-test Date:** 18/04/2027

Mirtazapine EP Impurity E

Identification

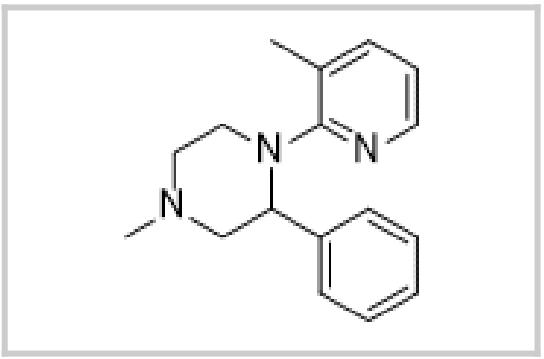
Chemical Name :
4-methyl-1-(3-methylpyridin-2-yl)-2-phenylpiperazine

CAT No. : KMM020003

CAS No. : 191546-94-8

Molecular Formula : C17H21N3

Molecular Weight : 267.37



Analytical Information

Batch No.	: MIR-EPE-073-098	**Solubility**	: ACN
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.39 %	**IR**	: Confirm
Weight Loss By TGA	: 0.14 %	**1H NMR**	: Confirm
% Potency	: 99.25 %		

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 - 0.14(Weight Loss By TGA)] x [99.39(HPLC Purity)]/100 = 99.25 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		26/04/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR