CERTIFICATE OF ANALYSIS

(Certificate No. KMI003001-01)

Release Date: 11/03/2024 **Re-test Date:** 10/03/2027

Imipramine EP Impurity B

Identification

Chemical Name :
3-(5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine

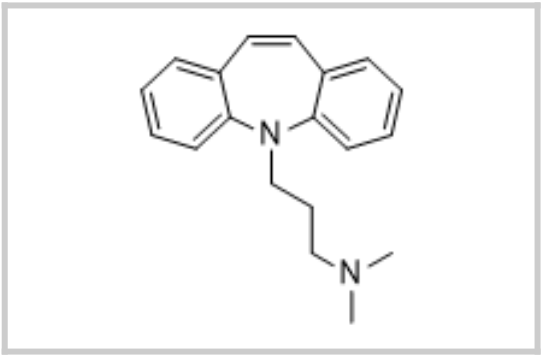
Alt. Name : Depramine

CAT No. : KMI003001

CAS No. : 303-54-8

Molecular Formula : C19H22N2

Molecular Weight : 278.39



Analytical Information

Batch No. : IMI-EPB-073-119

Description : Yellow Solid

HPLC Purity : 99.45 %

Weight Loss By TGA : 1.11 %

% Potency : 98.35 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

1H 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 - 1.11(Weight Loss By TGA)] x [99.45(HPLC Purity)]/100 = 98.35 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		11/03/2024

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