CERTIFICATE OF ANALYSIS

(Certificate No. KMC015005-01)

Release Date: 09/05/2024 **Re-test Date:** 08/05/2027

Clomipramine EP Impurity B

Identification

Chemical Name :
3-(10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine hydrochloride

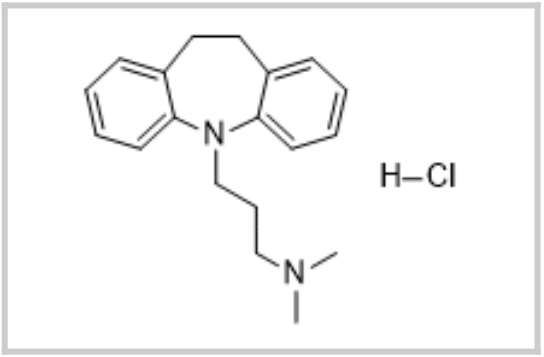
Alt. Name : Imipramine Hydrochloride (USP)

CAT No. : KMC015005

CAS No. : 113-52-0

Molecular Formula : C19H24N2 : HCl

Molecular Weight : 280.41 : 36.5



Analytical Information

Batch No.	: CLO-EPB-073-201	**Solubility**	: Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.98 %	**IR**	: Confirm
Weight Loss By TGA	: 0.55 %	**1H NMR**	: Confirm
% Potency	: 99.43 %		

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 - 0.55(Weight Loss By TGA)] x [99.98(HPLC Purity)]/100 = 99.43 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		10/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		10/05/2024

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