CERTIFICATE OF ANALYSIS

(Certificate No. KMA010006-01)

Release Date: 11/12/2024 **Re-test Date:** 10/12/2027

Cyclobenzaprine Hydrochloride

Identification

Chemical Name :
3-(5H-dibenzo[a,d][7]annulen-5-ylidene)-N,N-dimethylpropan-1-amine (as per EP)

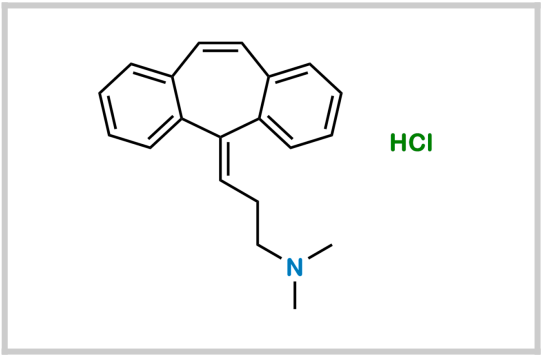
Alt. Name : Cyclobenzaprine HCl (EP)

CAT No. : KMA010006

CAS No. : 6202-23-9

Molecular Formula : C20H21N : HCl

Molecular Weight : 275.4 : 36.5



Analytical Information

Batch No.	: A010006-091-073	**Solubility**	: ACN : Water (1:1)
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.97 %	**IR**	: Confirm
Weight Loss By TGA	: 0.13 %	**1H NMR**	: Confirm
% Potency	: 99.84 %		

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 - 0.13(Weight Loss By TGA)] x [99.97(HPLC Purity)]/100 = 99.84 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		31/12/2024

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