CERTIFICATE OF ANALYSIS

(Certificate No. KMC243005-01)

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

Cyclobenzaprine HCl

Identification

Chemical Name :
3-(5H-Dibenzo[a,d]cyclohepten-5-ylidene)-N,N-dimethyl-1-propanamine hydrochloride ;

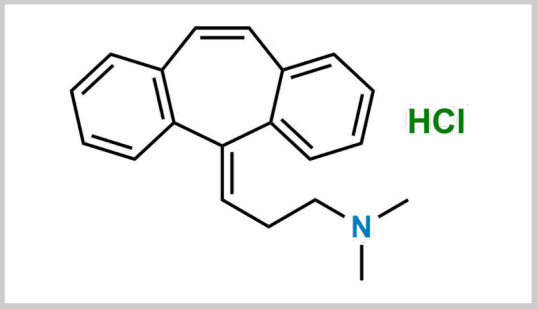
Alt. Name : Cyclobenzaprine Hydrochloride

CAT No. : KMC243005

CAS No. : 6202-23-9

Molecular Formula : C20H21N : HCl

Molecular Weight : 275.4 : 36.5



Analytical Information

Batch No. : A010006-091-073

Description : White Solid

HPLC Purity : 99.97 %

Weight Loss By TGA : 0.13 %

% Potency : 99.84 %

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 - 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		29/01/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/01/2026

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