

# 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)

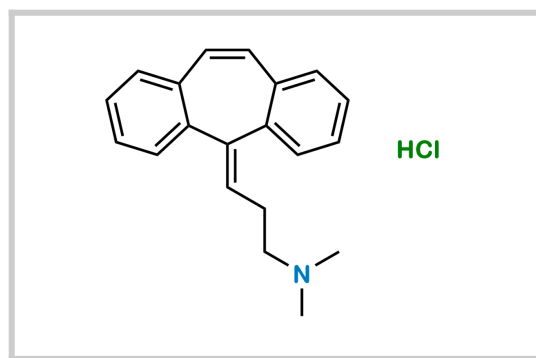
**Alt. Name** : Cyclobenzaprine HCl (EP)

**CAT No.** : KMA010006

**CAS No.** : 6202-23-9

**Molecular Formula** : C<sub>20</sub>H<sub>21</sub>N : 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

**<sup>1</sup>H 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		31/12/2024
Reviewed & Approved By	Quality Control	Jatin Patel		31/12/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA