

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC015006-01)

Release Date: 09/05/2024

Re-test Date: 08/05/2027

## Clomipramine Hydrochloride STD

### Identification

**Chemical Name :**

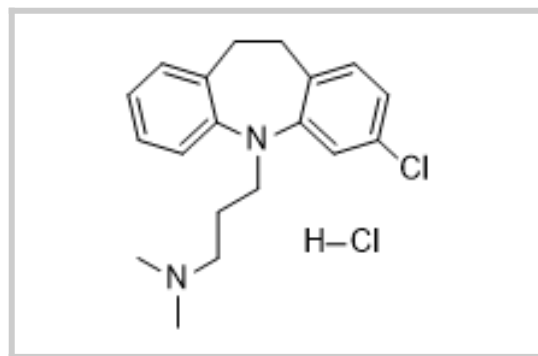
3-(3-chloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine hydrochloride

CAT No. : KMC015006

CAS No. : 17321-77-6

Molecular Formula : C<sub>19</sub>H<sub>23</sub>ClN<sub>2</sub> : HCl

Molecular Weight : 314.85 : 36.5



### Analytical Information

Batch No. : CLO-PRS-073-202

Description : Off White Solid

HPLC Purity : 99.82 %

Weight Loss By TGA : 0.10 %

% Potency : 99.72 %

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 - 0.10(Weight Loss By TGA)] x [99.82(HPLC Purity)]/100 = 99.72 %

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, <sup>1</sup>HNMR, IR and TGA