

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC015004-01)

Release Date: 09/05/2024

Re-test Date: 08/05/2027

## Clomipramine Impurity F

### Identification

**Chemical Name :**

3-chloro-10,11-dihydro-5H-dibenzo[b,f]azepine

**Alt. Name**

: 3-Chloroiminodibenzyl

**CAT No.**

: KMC015004

**CAS No.**

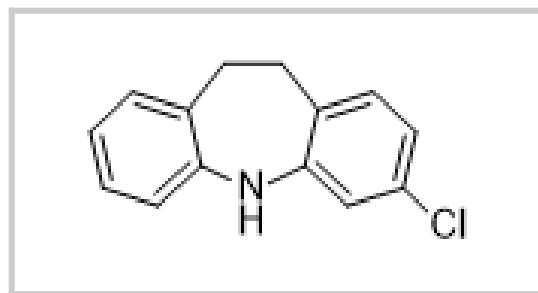
: 32943-25-2

**Molecular Formula**

: C<sub>14</sub>H<sub>12</sub>ClN

**Molecular Weight**

: 229.70



### Analytical Information

**Batch No.**

: CLO-EPF-073-200

**Solubility**

: ACN

**Description**

: Off White Solid

**Mass**

: Confirm

**HPLC Purity**

: 99.83 %

**IR**

: Confirm

**Weight Loss By TGA**

: 0.15 %

**<sup>1</sup>H NMR**

: Confirm

**% Potency**

: 99.68 %

### 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 - 0.15(Weight Loss By TGA)] x [99.83(HPLC Purity)]/100 = 99.68 %

**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