

# 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

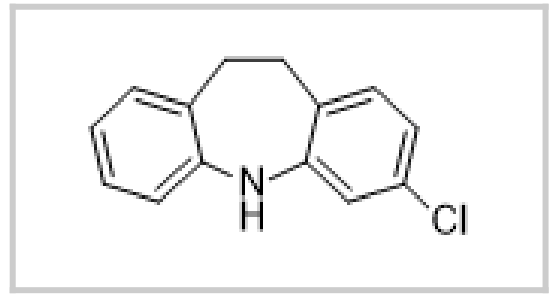
**Alt. Name** : 3-Chloroiminodibenzyl

**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

**Description** : Off White Solid

**HPLC Purity** : 99.83 %

**Weight Loss By TGA** : 0.15 %

**% Potency** : 99.68 %

**Solubility** : ACN

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

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		10/05/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		10/05/2024

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