## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMC015003-01)

**Release Date:** 09/05/2024 **Re-test Date:** 08/05/2027

# **Clomipramine Acetyl Dichloro Impurity**

### **Identification**

**Chemical Name:** 

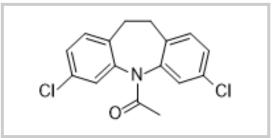
1-(3,7-dichloro-10,11-dihydro-5H-dibenzo[b,f]azepin-5-yl)ethanone

**CAT No.** : KMC015003

**CAS No.** : 132648-81-8

Molecular Formula : C16H13Cl2NO

**Molecular Weight** : 306.19



### **Analytical Information**

Description: Light Yellow SolidMass: ConfirmHPLC Purity: 97.76 %IR: ConfirmWeight Loss By TGA: 0.51 %1H NMR: Confirm

**% Potency** : 97.26 %

#### **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 - 0.51(Weight Loss By TGA)] x [97.76(HPLC Purity)]/100 = 97.26 %

**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, 1HNMR, IR and TGA