## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMI003001-01)

**Release Date:** 11/03/2024 **Re-test Date:** 10/03/2027

# **Imipramine EP Impurity B**

### **Identification**

**Chemical Name:** 

3-(5H-dibenzo[b,f]azepin-5-yl)-N,N-dimethylpropan-1-amine

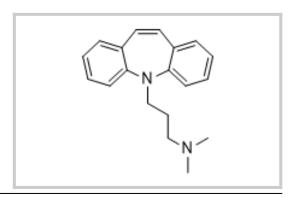
**Alt. Name** : Depramine

**CAT No.** : KMI003001

**CAS No.** : 303-54-8

**Molecular Formula** : C19H22N2

**Molecular Weight** : 278.39



### **Analytical Information**

Description: Yellow SolidMass: ConfirmHPLC Purity: 99.45 %IR: ConfirmWeight Loss By TGA: 1.11 %1H NMR: Confirm

**% Potency** : 98.35 %

#### **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 - 1.11(Weight Loss By TGA)] x [99.45(HPLC Purity)]/100 = 98.35 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		11/03/2024

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA