

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMC017001-02)

**Release Date:** 30/01/2025

**Re-test Date:** 29/01/2028

## **Clozapine PRS**

### **Identification**

**Chemical Name :**

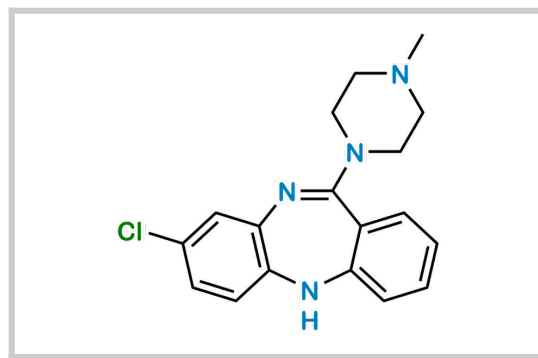
8-Chloro-11-(4-methylpiperazin-1-yl)-5H-dibenzo[b,e][1,4]diazepine (as per EP)

**CAT No.** : KMC017001

**CAS No.** : 5786-21-0

**Molecular Formula** : C<sub>18</sub>H<sub>19</sub>ClN<sub>4</sub>

**Molecular Weight** : 326.8



### **Analytical Information**

**Batch No.** : AH/CLOZ/0125/001

**Description** : Off White Solid

**HPLC Purity** : 99.95 %

**Weight Loss By TGA** : 0.02 %

**% Potency** : 99.93 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

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

**<sup>13</sup>C 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 - 0.02(Weight Loss By TGA)] x [99.95(HPLC Purity)]/100 = 99.93 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		08/02/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA