

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMT017001-01)

**Release Date:** 25/05/2024

**Re-test Date:** 24/05/2027

## **Hydroxypropyl Chlorophenylpiperazine**

### **Identification**

**Chemical Name :**

3-(4-(3-chlorophenyl)piperazin-1-yl)propan-1-ol

**Alt. Name**

: Hydroxypropyl  
Chlorophenylpiperazine

**CAT No.**

: KMT017001

**CAS No.**

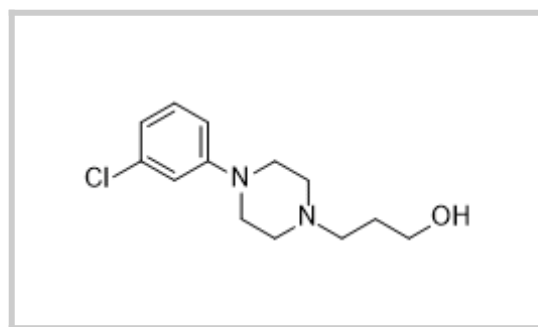
: 32229-98-4

**Molecular Formula**

: C<sub>13</sub>H<sub>19</sub>ClN<sub>2</sub>O

**Molecular Weight**

: 254.76



### **Analytical Information**

**Batch No.**

: TRA-EPI-073-231

**Solubility**

: ACN

**Description**

: Light Brown Solid

**Mass**

: Confirm

**HPLC Purity**

: 94.11 %

**IR**

: Confirm

**Weight Loss By TGA**

: 0.25 %

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

: Confirm

**% Potency**

: 93.87 %

### **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 - 0.25(Weight Loss By TGA)] x [94.11(HPLC Purity)]/100 = 93.87 %

**Recommendation**

: Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		27/05/2024

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