

# 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

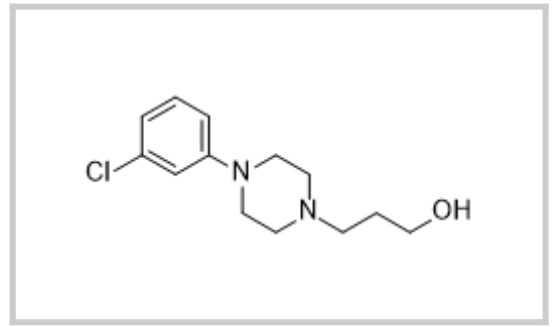
**Alt. Name** : Hydroxypropyl  
Chlorophenylpiperazine

**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

**Description** : Light Brown Solid

**HPLC Purity** : 94.11 %

**Weight Loss By TGA** : 0.25 %

**% Potency** : 93.87 %

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

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		27/05/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		27/05/2024

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