

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP017003-01)

Release Date: 18/06/2024

Re-test Date: 17/06/2027

## 2-Chlorophenothiazine

### Identification

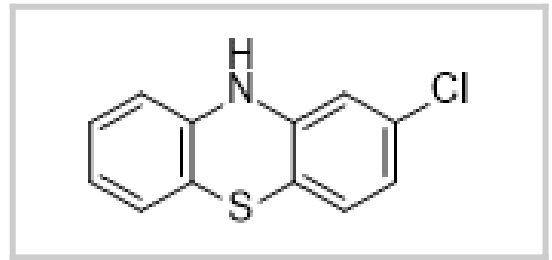
**Chemical Name :**  
2-chloro-10H-phenothiazine

**CAT No. :** KMP017003

**CAS No. :** 92-39-7

**Molecular Formula :** C<sub>12</sub>H<sub>8</sub>CIN<sub>3</sub>S

**Molecular Weight :** 233.72



### Analytical Information

**Batch No. :** 2-CH-PHE-073-265

**Description :** Off White Solid

**HPLC Purity :** 99.92 %

**Weight Loss By TGA :** 0.19 %

**% Potency :** 99.73 %

**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 =**  $[100 - 0.19(\text{Weight Loss By TGA})] \times [99.92(\text{HPLC Purity})]/100 = 99.73 \%$

**Recommendation :** Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		18/06/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		18/06/2024

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