

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP017001-01)

**Release Date:** 17/06/2024

**Re-test Date:** 16/06/2027

## **Prochlorperazine Sulfoxide**

### **Identification**

**Chemical Name :**

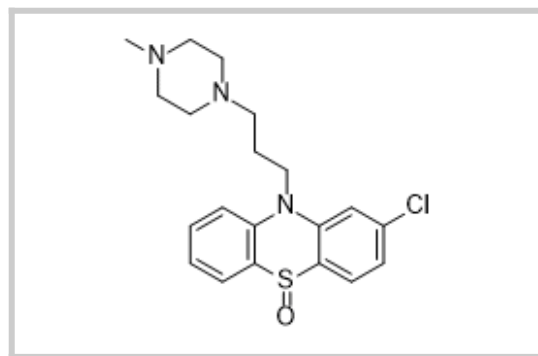
2-chloro-10-(3-(4-methylpiperazin-1-yl)propyl)-10H-phenothiazine 5-oxide

**CAT No.** : KMP017001

**CAS No.** : 10078-27-0

**Molecular Formula** : C<sub>20</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>3</sub>S

**Molecular Weight** : 389.94



### **Analytical Information**

**Batch No.** : PRO-CH-S-OXIDE-030-111

**Solubility** : Acetonitrile

**Description** : Off White Solid

**Mass** : Confirm

**HPLC Purity** : 99.78 %

**IR** : Confirm

**Weight Loss By TGA** : 0.60 %

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

**% Potency** : 99.18 %

### **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 - 0.60(Weight Loss By TGA)] x [99.78(HPLC Purity)]/100 = 99.18 %

Remarks : Re-tested on 17.06.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		31/03/2025

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