

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP017001-01)

Release Date: 17/06/2024

Re-test Date: 16/06/2027

## Prochlorperazine Sulfoxide

### Identification

**Chemical Name :**

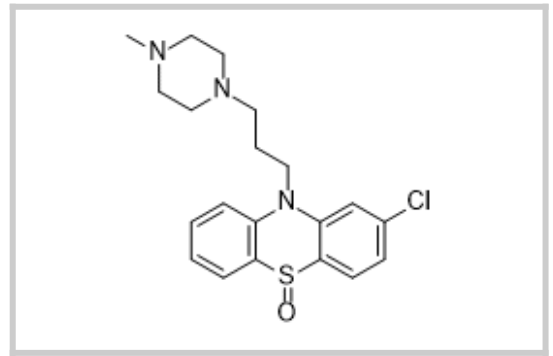
2-chloro-10-(3-(4-methylpiperazin-1-yl)propyl)-10H-phenothiazine 5-oxide

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

Description : Off White Solid

HPLC Purity : 99.78 %

Weight Loss By TGA : 0.60 %

% Potency : 99.18 %

Solubility : Acetonitrile

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 =  $[100 - 0.60(\text{Weight Loss By TGA})] \times [99.78(\text{HPLC Purity})]/100 = 99.18 \%$

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