CERTIFICATE OF ANALYSIS

(Certificate No. KMP017001-01)

Release Date: 17/06/2024 **Re-test Date:** 16/06/2027

Prochlorperazine Sulfoxide

Identification

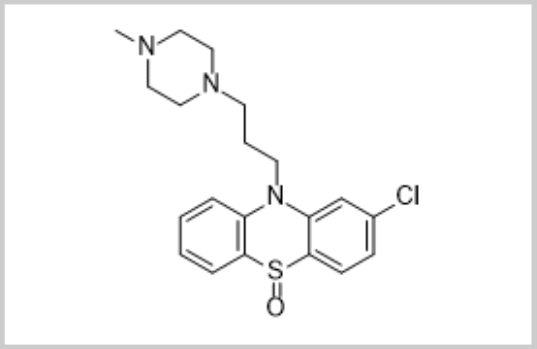
Chemical Name :
2-chloro-10-(3-(4-methylpiperazin-1-yl)propyl)-10H-phenothiazine 5-oxide

CAT No. : KMP017001

CAS No. : 10078-27-0

Molecular Formula : C20H24ClN3OS

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 %	**1H 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, 1HNMR, IR and TGA