CERTIFICATE OF ANALYSIS

(Certificate No. KMP005017-01)

Release Date: 17/05/2025 **Re-test Date:** 16/05/2028

PROMETHAZINE SULFOXIDE

Identification

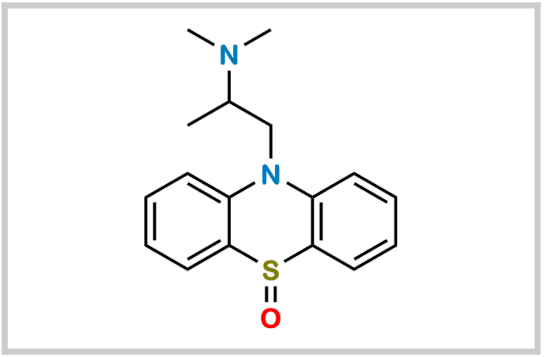
Chemical Name :
10-[(2RS)-2-(dimethylamino)propyl]-5λ4-phenothiazin-5(10H)-one

CAT No. : KMP005017

CAS No. : 7640-51-9

Molecular Formula : C17H20N2OS

Molecular Weight : 300.4



Analytical Information

Batch No.	: P005017-102-033	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.48 %	**IR**	: Confirm
Weight Loss By TGA	: 0.48 %	**1H NMR**	: Confirm
% Potency	: 99 %		

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 - 0.48(Weight Loss By TGA)] x [99.48(HPLC Purity)]/100 = 99 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		26/05/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA