CERTIFICATE OF ANALYSIS

(Certificate No. KMP005002-01)

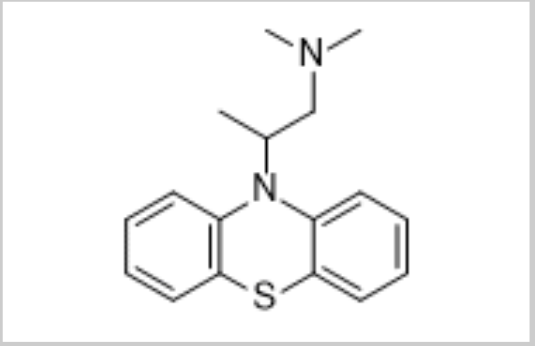
Release Date: 31/08/2026 **Re-test Date:** 30/08/2029

PROMETHAZINE RELATED COMPOUND B

Identification

Chemical Name :
N,N-dimethyl-2-(10H-phenothiazin-10-yl)propan-1-amine

Alt. Name	: Isopromethazine ; Promethazine USP Related Compound B
CAT No.	: KMP005002
CAS No.	: 303-14-0
Molecular Formula	: C17H20N2S
Molecular Weight	: 284.42



Analytical Information

Batch No.	: P005002-136-177	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.08 %	**IR**	: Confirm
Weight Loss By TGA	: 0.19 %	**1H NMR**	: Confirm
% Potency	: 98.89 %		

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(Weight Loss By TGA)] x [99.08(HPLC Purity)]/100 = 98.89 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/08/2026
Reviewed & Approved By	Quality Control	Jatin Patel		31/08/2026

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