

CERTIFICATE OF ANALYSIS

(Certificate No. KMP005002-01)

Release Date: 27/04/2023

Re-test Date: 26/04/2026

Promethazine Related Compound B

Identification

Chemical Name :

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

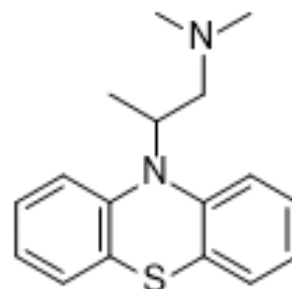
Alt. Name : Isopromethazine ; Promethazine USP
Related Compound B

CAT No. : KMP005002

CAS No. : 303-14-0

Molecular Formula : C₁₇H₂₀N₂S

Molecular Weight : 284.42



Analytical Information

Batch No. : PRO-RC-B-045-125

Solubility : Methanol

Description : Yellow Thick Syrup

Mass : Confirm

HPLC Purity : 98.34 %

IR : Confirm

Weight Loss By TGA : 0.75 %

¹H NMR : Confirm

% Potency : 97.6 %

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 - 0.75(Weight Loss By TGA)] x [98.34(HPLC Purity)]/100 = 97.6 %

Remarks : COA Re-generated on 08.06.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		08/06/2024

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