CERTIFICATE OF ANALYSIS

(Certificate No. KMP011012-01)

Release Date: 07/10/2026 **Re-test Date:** 06/10/2029

Promazine Impurity II (Desmethyl Promazine)

Identification

Chemical Name :
N-Methyl-3-(10H-phenothiazin-10-yl)propan-1-amine

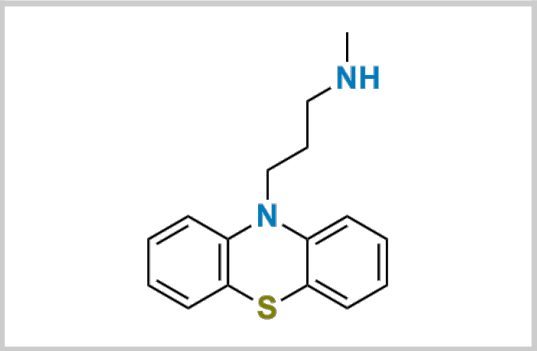
Alt. Name : Promazine EP Impurity B

CAT No. : KMP011012

CAS No. : 2095-20-7

Molecular Formula : C16H18N2S

Molecular Weight : 270.39



Analytical Information

Batch No.	: P011012-136-252	**Solubility**	: Methanol
Description	: Light Brown Thick Syrup	**Mass**	: Confirm
HPLC Purity	: 99.34 %	**IR**	: Confirm
Weight Loss By TGA	: 2.48 %	**1H NMR**	: Confirm
% Potency	: 96.88 %		

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 - 2.48(Weight Loss By TGA)] x [99.34(HPLC Purity)]/100 = 96.88 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		07/10/2026

Attachments : COA, HPLC, Mass, 1H NMR, IR and TGA