CERTIFICATE OF ANALYSIS

(Certificate No. KMC013011-01)

Release Date: 23/10/2026 **Re-test Date:** 22/10/2029

Chlorpromazine EP Impurity D

Identification

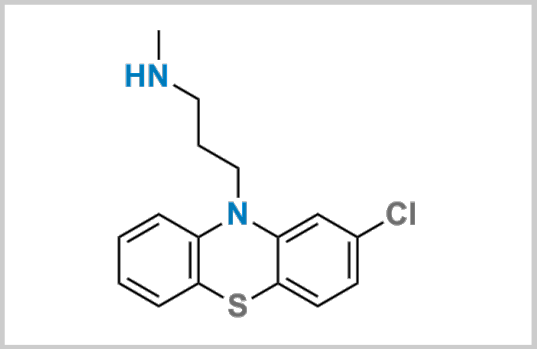
Chemical Name :
3-(2-chloro-10H-phenothiazin-10-yl)-N-methylpropan-1-amine

CAT No. : KMC013011

CAS No. : 1225-64-5

Molecular Formula : C16H17ClN2S

Molecular Weight : 304.8



Analytical Information

Batch No.	: C013011-136-304	**Solubility**	: ACN : Water (1:1)
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.03 %	**IR**	: Confirm
Weight Loss By TGA	: 0.27 %	**1H NMR**	: Confirm
% Potency	: 98.76 %	**13C NMR**	: Confirm

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 - 0.27(Weight Loss By TGA)] x [99.03(HPLC Purity)]/100 = 98.76 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/10/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA