CERTIFICATE OF ANALYSIS

(Certificate No. KMC013010-01)

Release Date: 28/11/2024 **Re-test Date:** 27/11/2027

Chlorpromazine EP Impurity C

Identification

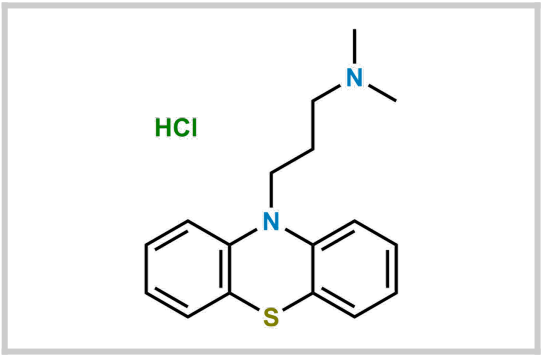
Chemical Name :
3-(10H-Phenothiazin-10-yl)-N,N-dimethylpropan-1-amine Hydrochloride ; Promazine ; Esparin

CAT No. : KMC013010

CAS No. : 53-60-1

Molecular Formula : C17H20N2S : HCl

Molecular Weight : 284.4 : 36.5



Analytical Information

Batch No.	: CHL-PRO-EP-IMP-C-019-070	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.35 %	**IR**	: Confirm
Weight Loss By TGA	: 0.11 %	**1H NMR**	: Confirm
% Potency	: 99.24 %		

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 - 0.11(Weight Loss By TGA)] x [99.35(HPLC Purity)]/100 = 99.24 %
-Re-tested on 28.11.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/01/2025

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