CERTIFICATE OF ANALYSIS

(Certificate No. KMC013001-01)

Release Date: 28/10/2026 **Re-test Date:** 27/10/2029

Chlorpromazine EP Impurity B

Identification

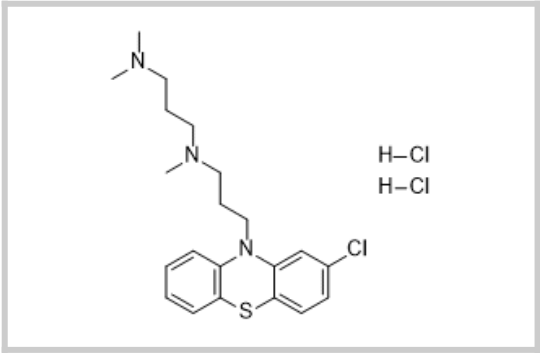
Chemical Name :
N1-(3-(2-chloro-10H-phenothiazin-10-yl)propyl)-N1,N3,N3-trimethylpropane-1,3-diamine dihydrochloride

CAT No. : KMC013001

CAS No. : 2512203-91-5

Molecular Formula : C21H28ClN3S : 2(HCl)

Molecular Weight : 389.99 : 2(36.5)



Analytical Information

Batch No.	: CHL-EPB-073-327	**Solubility**	: ACN : Water (1:1)
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.88 %	**IR**	: Confirm
Weight Loss By TGA	: 0.55 %	**1H NMR**	: Confirm
% Potency	: 98.34 %	**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 - 0.55(Weight Loss By TGA)] x [98.88(HPLC Purity)]/100 = 98.34 %
-Re-tested on 28.10.2026
-13CNMR added on 27.10.2026

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		28/10/2026

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