CERTIFICATE OF ANALYSIS

(Certificate No. KMC013008-01)

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

Chlorpromazine EP Impurity A

Identification

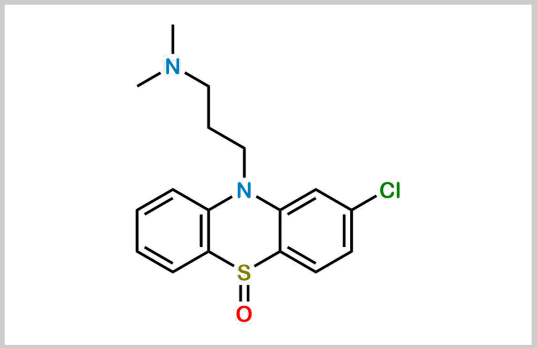
Chemical Name :
3-(2-Chloro-10H-phenothiazin-10-yl)-N,N-dimethylpropan-1-amine S-oxide ; 10H-Phenothiazine-10-propanamine, 2-chloro-N,N-dimethyl-, 5-oxide ; Chlorpromazine sulfoxide ; Chlorpromazine 5-oxide

CAT No. : KMC013008

CAS No. : 969-99-3

Molecular Formula : C17H19ClN2OS

Molecular Weight : 334.86



Analytical Information

Batch No.	: C013008-136-317	**Solubility**	: ACN : Water (1:1)
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.66 %	**IR**	: Confirm
Weight Loss By TGA	: 0.79 %	**1H NMR**	: Confirm
% Potency	: 97.88 %	**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 - 0.79(Weight Loss By TGA)] x [98.66(HPLC Purity)]/100 = 97.88 %

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