

# 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 :**

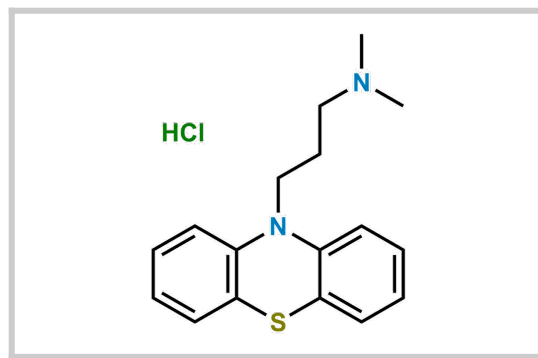
3-(10H-Phenothiazin-10-yl)-N,N-dimethylpropan-1-amine Hydrochloride ; Promazine ; Esparin

CAT No. : KMC013010

CAS No. : 53-60-1

Molecular Formula : C<sub>17</sub>H<sub>20</sub>N<sub>2</sub>S : HCl

Molecular Weight : 284.4 : 36.5



### Analytical Information

Batch No. : CHL-PRO-EP-IMP-C-019-070

Description : White Solid

HPLC Purity : 99.35 %

Weight Loss By TGA : 0.11 %

% Potency : 99.24 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 0.11(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, <sup>1</sup>HNMR, IR and TGA