CERTIFICATE OF ANALYSIS

(Certificate No. KMB018001-01)

Release Date: 12/04/2024 **Re-test Date:** 11/04/2027

Benzydamine EP Impurity G

Identification

Chemical Name:

3-chloro-N,N-dimethylpropan-1-amine hydrochloride

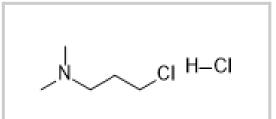
CAT No. : KMB018001

CAS No. : 5407-04-5(HCl salt), 109-54-6 (free

base)

Molecular Formula : C5H12ClN : HCl

Molecular Weight : 121.61 : 36.5



Analytical Information

Batch No. : BEN-EPG-073-151 **Solubility** : Water **Description** : Off White Solid Mass : Confirm **Assay By Titration** : 99.70 % IR : Confirm Weight Loss By TGA : 1.76 % 1H NMR : Confirm

% Potency : 97.95 %

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 - 1.76(Weight Loss By TGA)] x [99.70(Assay By Titration)]/100 = 97.95 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/04/2024

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