

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 :

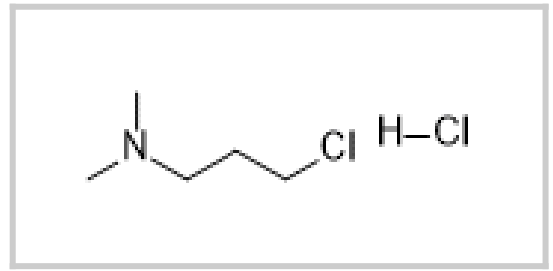
3-chloro-N,N-dimethylpropan-1-amine hydrochloride

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