CERTIFICATE OF ANALYSIS

(Certificate No. KMB018001-02)

Release Date: 02/08/2025 **Re-test Date:** 01/08/2028

DMPC IMPURITY

Identification

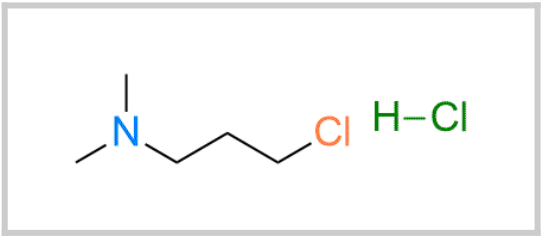
Chemical Name :
3-chloro-N,N-dimethylpropan-1-amine hydrochloride

CAT No. : KMB018001

CAS No. : 5407-04-5

Molecular Formula : C5H12ClN : HCl

Molecular Weight : 121.61 : 36.5



Analytical Information

Batch No.	: B018001-102-181	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
GC Purity	: 99.03 %	**IR**	: Confirm
Weight Loss By TGA	: 1.15 %	**1H NMR**	: Confirm
% Potency	: 97.89 %	**Q-NMR Potency**	: 98.81 %

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 - 1.15(Weight Loss By TGA)] x [99.03(GC Purity)]/100 = 97.89 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		05/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		05/08/2025

Attachments : COA, GC, MASS, 1HNMR, IR, Q-NMR and TGA