CERTIFICATE OF ANALYSIS

(Certificate No. KMC003017-01)

Release Date: 01/08/2025 **Re-test Date:** 31/07/2028

Clonidine Hydrochloride

Identification

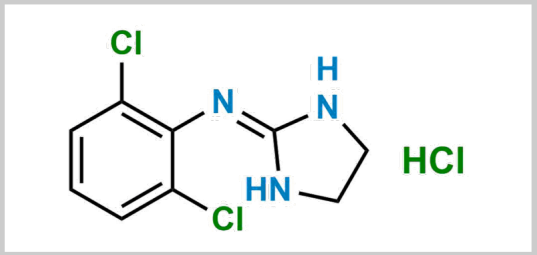
Chemical Name :
N-(2,6-Dichlorophenyl)imidazolidin-2-imine hydrochloride

CAT No. : KMC003017

CAS No. : 4205-91-8

Molecular Formula : C9H9Cl2N3 : HCl

Molecular Weight : 230.1 : 36.5



Analytical Information

Batch No.	: C003017-102-189	**Solubility**	: Water
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 98.69 %	**IR**	: Confirm
Weight Loss By TGA	: 0.06 %	**1H NMR**	: Confirm
% Potency	: 98.63 %		

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 - 0.06(Weight Loss By TGA)] x [98.69(HPLC Purity)]/100 = 98.63 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/08/2025

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