

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMC003017-01)

**Release Date:** 01/08/2025

**Re-test Date:** 31/07/2028

## **Clonidine Hydrochloride**

### **Identification**

**Chemical Name :**

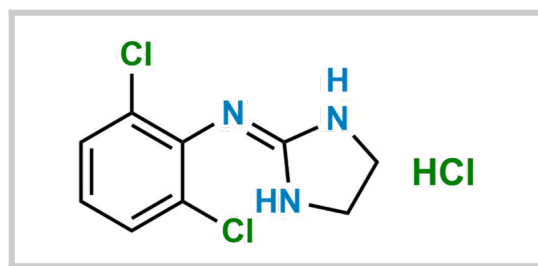
N-(2,6-Dichlorophenyl)imidazolidin-2-imine hydrochloride

**CAT No.** : KMC003017

**CAS No.** : 4205-91-8

**Molecular Formula** : C<sub>9</sub>H<sub>9</sub>Cl<sub>2</sub>N<sub>3</sub> : HCl

**Molecular Weight** : 230.1 : 36.5



### **Analytical Information**

**Batch No.** : C003017-102-189

**Description** : White Solid

**HPLC Purity** : 98.69 %

**Weight Loss By TGA** : 0.06 %

**% Potency** : 98.63 %

**Solubility** : Water

**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 - 0.06(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, <sup>1</sup>HNMR, IR and TGA