

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMD095009-01)

**Release Date:** 19/12/2025

**Re-test Date:** 18/12/2028

## **Dicyclomine Hydrochloride**

### **Identification**

**Chemical Name :**

2-(Diethylamino)ethyl [1,1'-bi(cyclohexane)]-1-carboxylate hydrochloride

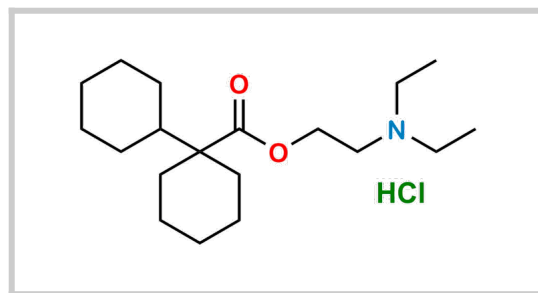
**Alt. Name** : Dicyclomine Hydrochloride

**CAT No.** : KMD095009

**CAS No.** : 67-92-5

**Molecular Formula** : C<sub>19</sub>H<sub>35</sub>NO<sub>2</sub> : HCl

**Molecular Weight** : 309.5 : 36.5



### **Analytical Information**

**Batch No.** : D095009-114-069

**Description** : White Solid

**HPLC Purity** : 99.07 %

**Weight Loss By TGA** : 0.12 %

**% Potency** : 98.95 %

**Solubility** : Methanol : Water (1:1)

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 0.12(Weight Loss By TGA)] x [99.07(HPLC Purity)]/100 = 98.95 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		23/12/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA