

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMO001011-01)

**Release Date:** 24/02/2024

**Re-test Date:** 23/02/2027

## **Omeprazole OME XI**

### **Identification**

**Chemical Name :**

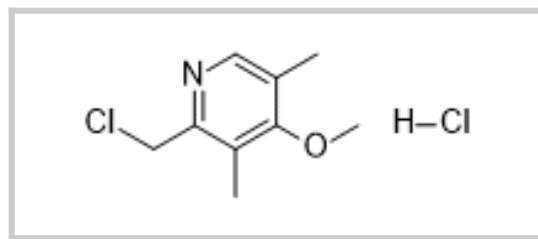
2-(chloromethyl)-4-methoxy-3,5-dimethylpyridine hydrochloride

**CAT No.** : KMO001011

**CAS No.** : 86604-75-3

**Molecular Formula** : C<sub>9</sub>H<sub>12</sub>ClNO : HCl

**Molecular Weight** : 185.7 : 36.5



### **Analytical Information**

**Batch No.** : OME-EP-XI-073-061

**Description** : Pale Yellow Solid

**HPLC Purity** : 93.98 %

**Weight Loss By TGA** : 0.56 %

**% Potency** : 93.45 %

**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 - 0.56(Weight Loss By TGA)] x [93.98(HPLC Purity)]/100 = 93.45 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/02/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/02/2024

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