# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMO001012-01)

**Release Date:** 22/02/2024 **Re-test Date:** 21/02/2027

# **OMEPRAZOLE 4-CHLORO ANALOG**

### **Identification**

#### **Chemical Name:**

 $2 \hbox{-} (((4 \hbox{-} chloro\hbox{-} 3, 5 \hbox{-} dimethyl pyridin-2 \hbox{-} yl) methyl) sulfinyl) \hbox{-} 5 \hbox{-} methoxy-1 H-benzo[d] imidazole$ 

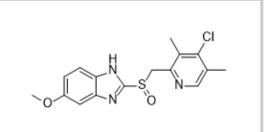
**Alt. Name** : 4-Desmethoxy-4-chloro Omeprazole

**CAT No.** : KMO001012

**CAS No.** : 863029-89-4

**Molecular Formula** : C16H16ClN3O2S

**Molecular Weight** : 349.84



# **Analytical Information**

Batch No.: OME-XII-073-082Solubility: ACNDescription: Light Brown SolidMass: ConfirmHPLC Purity: 98.94 %IR: Confirm

Weight Loss By TGA : 1.69 % 1H NMR : Confirm

**% Potency** : 97.27 %

### **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 - 1.69(Weight Loss By TGA)] x [98.94(HPLC Purity)]/100 = 97.27 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		22/02/2024
Reviewed & Approved By	Quality Control	Jatin Patel		22/02/2024

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