

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMI004028-01)

**Release Date:** 14/11/2024

**Re-test Date:** 13/11/2027

## **Imatinib Impurity H**

### **Identification**

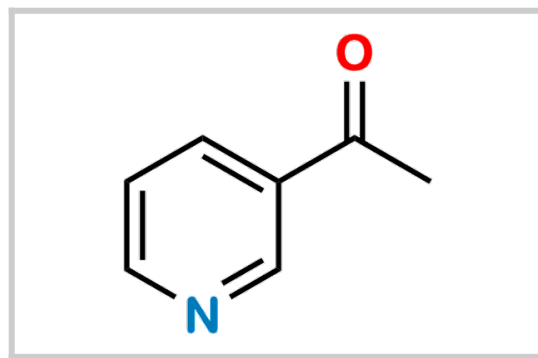
**Chemical Name :**  
1-(Pyridin-3-yl)ethan-1-one (as per EP)

**CAT No.** : KMI004028

**CAS No.** : 350-03-8

**Molecular Formula** : C<sub>7</sub>H<sub>7</sub>NO

**Molecular Weight** : 121.1



### **Analytical Information**

**Batch No.** : I004028-091-032

**Description** : Light Yellow Liquid

**HPLC Purity** : 99.92 %

**Weight Loss By TGA** : 2.61 %

**% Potency** : 97.31 %

**Solubility** : Methanol

**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 - 2.61(Weight Loss By TGA)] x [99.92(HPLC Purity)]/100 = 97.31 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/11/2024

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