

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP003039-01)

**Release Date:** 21/04/2025

**Re-test Date:** 20/04/2028

## **4-METHYL IMPURITY STANDARD**

### **Identification**

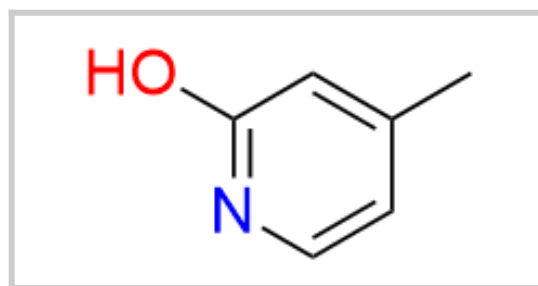
**Chemical Name :**  
4-methylpyridin-2-ol

**CAT No.** : KMP003039

**CAS No.** : 13466-41-6

**Molecular Formula** : C<sub>6</sub>H<sub>7</sub>NO

**Molecular Weight** : 109.13



### **Analytical Information**

**Batch No.** : P003039-091-344

**Description** : Yellow Solid

**HPLC Purity** : 99.70 %

**Weight Loss By TGA** : 1.41 %

**% Potency** : 98.29 %

**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 - 1.41(Weight Loss By TGA)] x [99.70(HPLC Purity)]/100 = 98.29 %

**Recommendation** : Released

|                        | Department      | Name        | Signature | Date       |
|------------------------|-----------------|-------------|-----------|------------|
| Prepared By            | Analytical      | Parag Patel |           | 22/04/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel |           | 22/04/2025 |

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