# CERTIFICATE OF ANALYSIS

(Certificate No. KMP003039-01)

**Release Date:** 21/04/2025 **Re-test Date:** 20/04/2028

## 4-METHYL IMPURITY STANDARD

## Identification

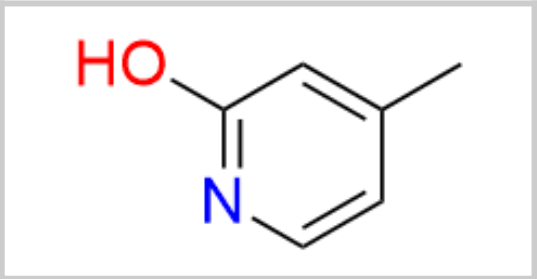
**Chemical Name** :
4-methylpyridin-2-ol

**CAT No.** : KMP003039

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

**Molecular Formula** : C6H7NO

**Molecular Weight** : 109.13




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : P003039-091-344 | **Solubility** | : Methanol |
| **Description** | : Yellow Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 99.70 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 1.41 % | **1H NMR** | : Confirm |
| **% Potency** | : 98.29 % | | |

## 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, 1HNMR, IR and TGA