# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP003002-03)

**Release Date:** 10/02/2025 **Re-test Date:** 09/02/2028

## PIPRC-1

### **Identification**

#### **Chemical Name:**

5-methylpyridin-2-amine

**Alt. Name** : Pirfenidone USP Related Compound

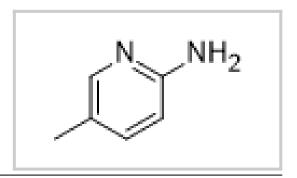
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**CAT No.** : KMP003002

**CAS No.** : 1603-41-4

Molecular Formula : C6H8N2

Molecular Weight : 108.14



# **Analytical Information**

Batch No.: PIR-KSM-I-08-173Solubility: AcetonitrileDescription: Off White SolidMass: ConfirmHPLC Purity: 99.11 %IR: Confirm

Weight Loss By TGA : 1.47 % 1H NMR : Confirm

**% Potency** : 97.65 %

### **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 - 1.47(Weight Loss By TGA)] x [99.11(HPLC Purity)]/100 = 97.65 %

-Re-tested on 10.02.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		20/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		20/02/2025

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