

# 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

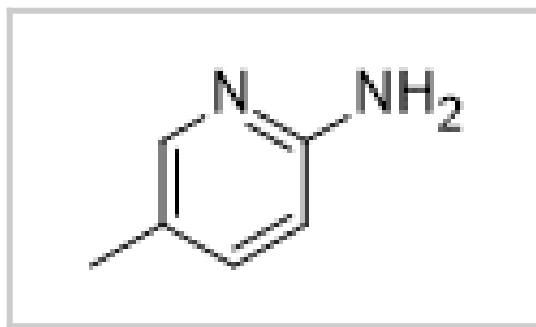
**Alt. Name** : Pirfenidone USP Related Compound  
A

**CAT No.** : KMP003002

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

**Molecular Formula** : C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>

**Molecular Weight** : 108.14



### Analytical Information

**Batch No.** : PIR-KSM-I-08-173

**Description** : Off White Solid

**HPLC Purity** : 99.11 %

**Weight Loss By TGA** : 1.47 %

**% Potency** : 97.65 %

**Solubility** : Acetonitrile

**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 - 1.47(Weight Loss By TGA)] x [99.11(HPLC Purity)]/100 = 97.65 %  
-Re-tested on 10.02.2025

**Recommendation** : Released

|                                   | Department      | Name        | Signature | Date       |
|-----------------------------------|-----------------|-------------|-----------|------------|
| <b>Prepared By</b>                | Analytical      | Parag Patel |           | 20/02/2025 |
| <b>Reviewed &amp; Approved By</b> | Quality Control | Jatin Patel |           | 20/02/2025 |

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