

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP003002-01)

**Release Date:** 05/03/2024

**Re-test Date:** 04/03/2027

## **Pirfenidone EP Impurity A**

### **Identification**

**Chemical Name :**  
5-methylpyridin-2-amine

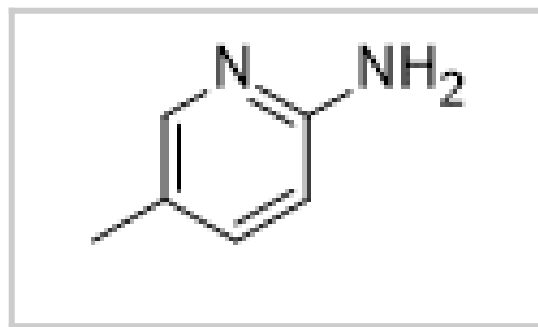
**Alt. Name** : Pirfenidone USP Related Compound A

**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-IMP-A-073-102

**Description** : White Solid

**HPLC Purity** : 99.76 %

**Weight Loss By TGA** : 1.20 %

**% Potency** : 98.56 %

**Solubility** : ACN

**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

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		05/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		05/03/2024

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