

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP003003-03)

Release Date: 09/11/2024

Re-test Date: 08/11/2027

## PIPRC-2

### Identification

Chemical Name :  
5-methylpyridin-2-ol

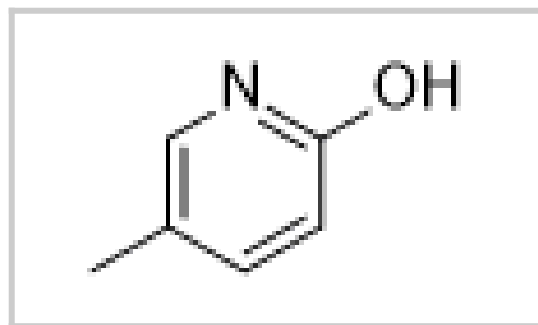
Alt. Name : Pirfenidone USP Related Compound  
B

CAT No. : KMP003003

CAS No. : 1003-68-5

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

Molecular Weight : 109.13



### Analytical Information

Batch No. : PIR-STAGE-I-08-172

Description : Off White Solid

HPLC Purity : 96.73 %

Weight Loss By TGA : 0.64 %

% Potency : 96.11 %

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 - 0.64(Weight Loss By TGA)] x [96.73(HPLC Purity)]/100 = 96.11 %  
-Re-tested on 09.11.2024

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, <sup>1</sup>HNMR, IR and TGA