

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP003030-01)

Release Date: 18/02/2025

Re-test Date: 17/02/2028

## PIPRC-5

### Identification

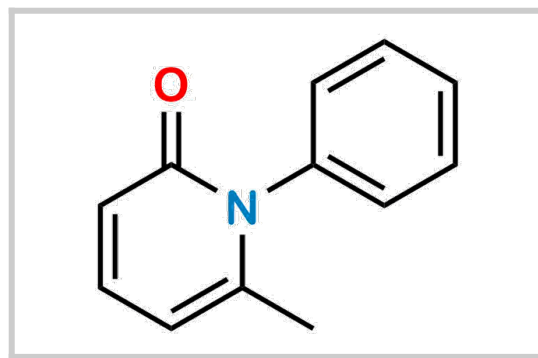
**Chemical Name :**  
6-Methyl-1-phenylpyridin-2(1H)-one

**CAT No.** : KMP003030

**CAS No.** : 13179-27-6

**Molecular Formula** : C<sub>12</sub>H<sub>11</sub>NO

**Molecular Weight** : 185.2



### Analytical Information

**Batch No.** : PIR-6ME-08-164

**Description** : Light Yellow Liquid

**HPLC Purity** : 98.63 %

**Weight Loss By TGA** : 0.84 %

**% Potency** : 97.8 %

**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 - 0.84(Weight Loss By TGA)] x [98.63(HPLC Purity)]/100 = 97.8 %

-Re-tested on 18.02.2025

**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