CERTIFICATE OF ANALYSIS

(Certificate No. KMP003030-01)

Release Date: 18/02/2025 **Re-test Date:** 17/02/2028

PIPRC-5

Identification

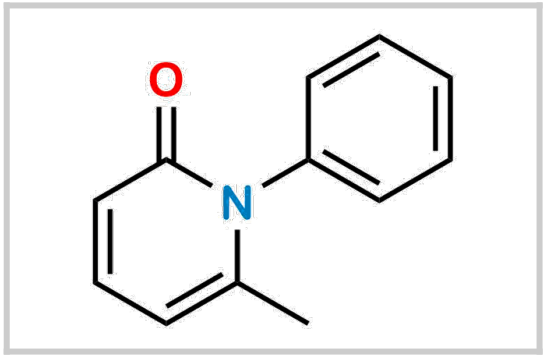
Chemical Name :
6-Methyl-1-phenylpyridin-2(1H)-one

CAT No. : KMP003030

CAS No. : 13179-27-6

Molecular Formula : C12H11NO

Molecular Weight : 185.2



Analytical Information

Batch No.	: PIR-6ME-08-164	**Solubility**	: Acetonitrile
Description	: Light Yellow Liquid	**Mass**	: Confirm
HPLC Purity	: 98.63 %	**IR**	: Confirm
Weight Loss By TGA	: 0.84 %	**1H NMR**	: Confirm
% Potency	: 97.8 %		

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
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