CERTIFICATE OF ANALYSIS

(Certificate No. KMP003031-01)

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

PIPRC-8

Identification

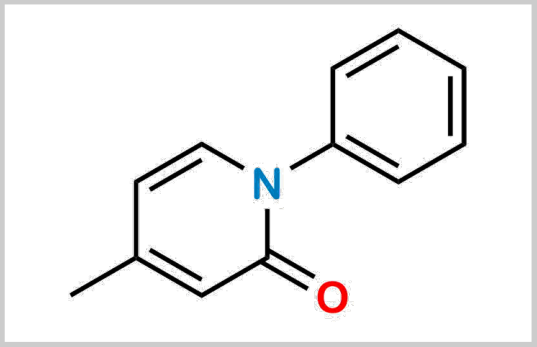
Chemical Name :
4-Methyl-1-phenylpyridin-2(1H)-one

CAT No. : KMP003031

CAS No. : 161057-93-8

Molecular Formula : C12H11NO

Molecular Weight : 185.2



Analytical Information

Batch No. : PIR-4ME-08-163

Description : Light Yellow Solid

HPLC Purity : 98.89 %

Weight Loss By TGA : 0.50 %

% Potency : 98.4 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

1H 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 - 0.50(Weight Loss By TGA)] x [98.89(HPLC Purity)]/100 = 98.4 %
-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