

CERTIFICATE OF ANALYSIS

(Certificate No. KMI004028-01)

Release Date: 14/11/2024

Re-test Date: 13/11/2027

Imatinib Impurity H

Identification

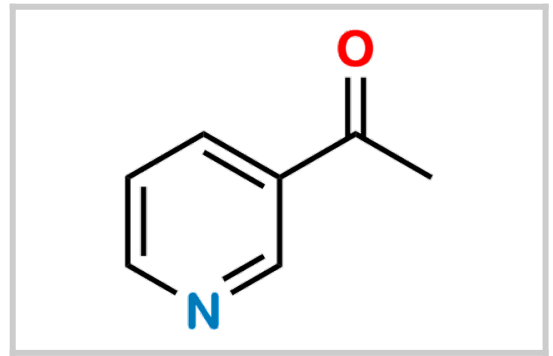
Chemical Name :
1-(Pyridin-3-yl)ethan-1-one (as per EP)

CAT No. : KMI004028

CAS No. : 350-03-8

Molecular Formula : C₇H₇NO

Molecular Weight : 121.1



Analytical Information

Batch No. : I004028-091-032

Description : Light Yellow Liquid

HPLC Purity : 99.92 %

Weight Loss By TGA : 2.61 %

% Potency : 97.31 %

Solubility : Methanol

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 = $[100 - 2.61(\text{Weight Loss By TGA})] \times [99.92(\text{HPLC Purity})]/100 = 97.31 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/11/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA