

# CERTIFICATE OF ANALYSIS

(Certificate No. KMN054003-01)

Release Date: 19/06/2025

Re-test Date: 18/06/2028

## 3-Pyridinecarbonitrile

### Identification

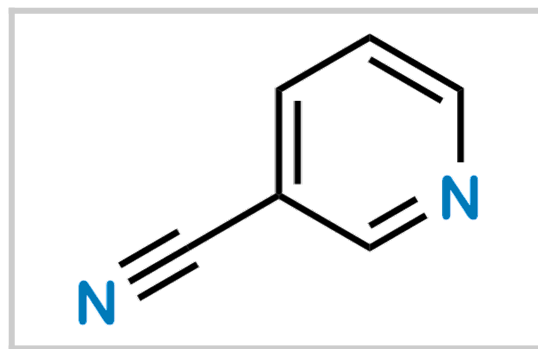
Chemical Name :  
Pyridine-3-carbonitrile

CAT No. : KMN054003

CAS No. : 100-54-9

Molecular Formula : C<sub>6</sub>H<sub>4</sub>N<sub>2</sub>

Molecular Weight : 104.1



### Analytical Information

Batch No. : N054003-102-085

Description : Off White Solid

HPLC Purity : 99.98 %

Weight Loss By TGA : 5.82 %

% Potency : 94.16 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C 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 - 5.82(Weight Loss By TGA)] x [99.98(HPLC Purity)]/100 = 94.16 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		27/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/06/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR IR and TGA