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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

**Product Name: Nicotinamide EP Impurity D**

### Identification:

Chemical Name: Pyridine-4-carboxamide (as per EP)

Synonyms : Isonicotinamide

CAS Number : 1453-82-3

CAT Number : CP-N35004

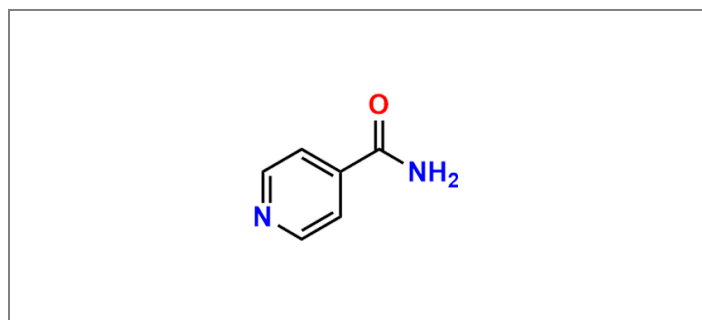
Molecular Formula : C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O

Molecular Weight : 122.13

Batch Number : CP-NICA-D-0724

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.33%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	0.133%
7)	Potency by TGA	96.20%



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.