

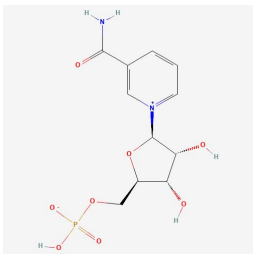


Technical Data Sheet

Tianjin Jincheng Biotechnology Co., Ltd.

Product Name: β -Nicotinamide Mononucleotide (NMN)

Chemical Structure:



Molecular Formula: C₁₁H₁₅N₂O₈P

Molecular Weight: 334.22

CAS No.: 1094-61-7

Specifications

Item	Limit	Analysis method
Description	White to off-white crystalline powder	Visual
Assay (w/w)	Not less than 99.0%	HPLC
Loss on drying	Not more than 1.0%	Gravimetric method
Purity (HPLC area %)	Not less than 99.0%	HPLC
Loose bulk density	Not less than 0.5 g/mL	USP <616>
Particle size	95% min. through 40 mesh	Sieve analysis
Total plate count	Not more than 500 cfu/g	USP <61>
Coliform	Not more than 3 MPN/g	MPN method
Yeast and mold	Not more than 100 cfu/g	USP <61>
Lead (Pb)	Not more than 0.5 mg/kg	ICP-MS
Arsenic (As)	Not more than 0.5 mg/kg	ICP-MS
Mercury (Hg)	Not more than 0.1 mg/kg	ICP-MS
Cadmium (Cd)	Not more than 0.5 mg/kg	ICP-MS
Ethanol (residual)	Not more than 0.5%	GC

Recommended shelf life: 2 years

External packing: Fibre drum, 25 kg net

Inner packing: Double-layer PE bag

Storage: Preserve in tight containers, protected from light, in a cool and dry place.

Note: Analytical methods refer to current USP general chapters and the manufacturer's in-house standard; the product is manufactured and released against the manufacturer's standard. This document is for reference only; the quality of each batch shall be subject to the Certificate of Analysis (COA) supplied with the goods.

Preparation Date: Sep. 20, 2026 | Version: 1.0 | Prepared by:

Product code: JC-NMN-001 | Product name: β -Nicotinamide Mononucleotide (NMN)