

Certificate of Analysis

Product and Batch Information			
Brand Name			
Product Name	Beta-Nicotinamide Mononucleotide (NMN)		
Version	G3: High bulk density (0.60-0.80g/ml) for tablet, capsule form		
Batch No.	NMN251010	CAS#	1094-61-7
Manufacture Date	Oct. 14th, 2025	Expiry Date	Oct. 13th, 2027
Country of Origin	P.R. China	Reference	
Item	Specification	Result	Test Method
Active Ingredient			
Assay(% on dry basis)	99.00% ~ 102.00%	99.90%	HPLC
Purity	NLT 99.00%	99.94%	HPLC
Excipient impurities	PVP Free	Negative	GC
Physical Control			
Identification	1H NMR spectra correspond to reference standard	Conforms	1H NMR
	13C NMR spectra correspond to reference standard	Conforms	13C NMR
	LC-MS retention time and m/z correspond to reference standard	Conforms	LC-MS
Appearance	White to off-white crystalline powder	Conforms	Visual
Odor & taste	Characteristic	Conforms	Organoleptic
Appearance of solution	5%w/v in water: Colorless to pale yellow and clear	Conforms	Organoleptic
Sodium Content	NMT 1.0%	Conforms	GB5009.268-2016
Water Content	NMT 1.0%	0.05%	Karl Fischer
PH(1.0g/100mL(25°C))	3.0-4.5	3.69	ChP2020
Bulk Density	0.60-0.80g/ml	0.75g/ml	USP-NF 2024
Residue Solvents	Ethanol: NMT 500ppm	28ppm	USP-NF 2024
Chemical Control			
Arsenic (As)	NMT 0.5ppm	Conforms	ICP-MS
Cadmium (Cd)	NMT 0.5ppm	Conforms	ICP-MS
Lead (Pb)	NMT 0.5ppm	Conforms	ICP-MS
Mercury (Hg)	NMT 0.1ppm	Conforms	ICP-MS
Microbiological Control			
Total Plate Count	NMT 1000cfu/g	Conforms	USP-NF 2024
Yeast & Mold	NMT 100cfu/g	Conforms	USP-NF 2024
Salmonella	Negative	Negative	USP-NF 2024
E.Coli	Negative	Negative	USP-NF 2024
Staphylococcus Aureus	Negative	Negative	USP-NF 2024
Pseudomonas aeruginosa	Negative	Negative	USP-NF 2024
Bile-tolerant Gram-Negative Bacteria	Negative	Negative	USP-NF 2024
Candida albicans	Negative	Negative	USP-NF 2024
Clostridia	Negative	Negative	USP-NF 2024
Coliforms	NMT 0.92MPN/g	<0.3MPN/g	GB4789.3
Packing and Storage			
Packing	Pack in paper-Carton and two plastic-bags inside.		
Storage	Store in a well-sealed container at or below 25 °C.		
Shelf Life	2 years if sealed and stored properly		

