



SHEERHERB
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XI'AN SHEERHERB BIOLOGICAL TECHNOLOGY CO.,LTD

Certificate of Analysis

Product Name	β -Nicotinamide Mononucleotide (NMN)		
Batch No.	220608	CAS No.:	1094-61-7
Quantity	75 kgs	Molecular formula	C ₁₁ H ₁₅ N ₂ O ₈ P
Reference	USP34	Manufacture Date	June 08, 2022
Country of origin	China	Expiry Date	June 07, 2024

Item	Specification	Result
Active Ingredients		
Assay (w/w HPLC)	95%-100%	99.9%
Purity(area% HPLC)	≥98%	99.7%
Physical Control		
Appearance	White granular powder	Conform
Color	White	Conform
Odor	Characteristic	Conform
Loss on Drying	≤2%	0.12%
Bulk density	-	0.53g/ml
Mesh	95% pass 40 mesh	Conform
Chemical Control		
Total Heavy Metals	≤10ppm	N.D
Arsenic (As)	≤ 0.5ppm	N.D
Mercury(Hg)	≤ 0.1ppm	0.003
Cadmium(Cd)	≤ 0.5ppm	N.D
Lead (Pb)	≤ 0.5ppm	N.D
Ethanol Residue	≤ 0.5%	0.01%
Microbiological Control		
Total Plate Count	≤ 750cfu/g	Conform
Yeast, Mold & Fungi	≤ 100cfu/g	Conform
E.Coli	Negative	Conform
Staphylococcus	Negative	Negative
Salmonella	Negative	Conform
Packing and Storage		
Packing	Packed in food-grade plastic bag inside and aluminum-foil bag outside.	
Storage	Keep dry and away from light, long term storage at -25°C to -15°C.	
Shelf Life	24 months if sealed and stored properly.	

Analyst : David Yan

Corrector: Yu Li

