

## CERTIFICATE OF ANALYSIS

Product Name:	β-Nicotinamide Mononucleotide (NMN)		
CAS NO.:	1094-61-7	Standard:	Enterprise Standard
Batch Number:	NF-20210429	Manuf. Date:	Apr.,29.2021
Quantity:	100kg	Expiration Date:	Apr.,28.2023
Storage Condition:	Store in dry and cool places, keep the package sealed well.		

TEST ITEM	SPECIFICATION	RESULTS
Appearance	White to yellowish crystalline powder	Conforms
Partical Size	95% pass through 40 mesh screen	Conforms
<b>Physical Characteristics</b>		
Water Content	≤2.0%	0.18%
Ethanol	≤5000ppm	30ppm
pH Value	2.0-4.0	3.76
<b>Heavy metals</b>		
Lead(Pb)	≤0.5ppm	0.005ppm
Arsenic(As)	≤0.5ppm	N.D.
Mercury(Hg)	≤0.1ppm	N.D.
Cadmium(Cd)	≤0.5ppm	0.002ppm
<b>Microbiological Tests</b>		
Total Microbial Count	≤750cfu/g	N.D.
Yeasts & Molds	<100cfu/g	Conforms
E.Coli.	Negative	Conforms
<b>Assay(HPLC)</b>	≥98.0%	99.80%

Conclusion: Conforms to the requirement

Tested by: Fangchao Yang



Approved by: Yulian Liu