

**CERTIFICATE OF ANALYSIS**

Product Name:	Beta-Nicotinamide Mononucleotide(NMN)	CAS No. :	1094-61-7
Molecular Formula:	C <sub>11</sub> H <sub>15</sub> N <sub>2</sub> O <sub>8</sub> P	Molecular Weight:	334.22
Batch No:	ST210215	Quantity:	205.6KG
Manufacturing date:	2021.02.15	Expire date:	2023.02.14

Item	Specification	Results
Appearance	White to off-white powder	White powder
Identification	HPLC: should correspond to the reference	Conforms
Loss on drying	≤1.0%	0.15%
PH	2.0-4.0	3.0
Heavy metals	≤10ppm	Conforms
Residual solvent	Ethanol ≤0.5%	0.07%
Related substance	Any single impurity ≤0.5%	0.26%
	Total impurities ≤2.0%	0.79%
Purity	98.0%~101.0%	99.6%
Total microbial count	≤750 CFU/g	10
E. Coli	Negative	Negative
Salmonella	Negative	Negative
Ethanol	≤5000ppm	290ppm

Conclusion	The batch is in compliance with established requirements.
------------	---

QC:



QA:

