



Certificate of Analysis

Product name	β -Nicotinamide Mononucleotide (NMN)		
Molecular formula	C ₁₁ H ₁₅ N ₂ O ₈ P		
Cas No.	1094-61-7	Batch No.	SW-NMN-20210905
Quantity	150kg	MFG. date	2022.02.05
Test date	2022.02.05	Retest. date	2024.02.05

Testing Items	Specifications	Results
Appearance	White to off-white powder	Conforms
Identification	Conform to the RT of Standard	Conforms
Purity (HPLC)	$\geq 99.0\%$	99.5%
pH	2.0-4.0	3.2
Water content	$\leq 5.0\%$	0.4%
Heavy Metal		
Pb	$\leq 0.5\text{ppm}$	N.D
As	$\leq 0.5\text{ppm}$	N.D
Cd	$\leq 0.5\text{ppm}$	0.01ppm
Hg	$\leq 0.5\text{ppm}$	N.D
Microbial Limit		
Total microbial count	$\leq 750\text{CFU/g}$	80CFU/g
Coliform	$\leq 3.0\text{MPN/g}$	N.D
Ethanol (By GC)	$\leq 5000\text{ppm}$	220ppm
Conclusion	This product conforms to the specifications.	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Long-term storage is below 15 degrees below zero.
Shelf life:	2 years when properly stored

Quality Assurance Officer

Corrector

Analyst

