



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.	MLP-NMN-20221115
Quantity	350kg	MFG. date	2022.11.15
Test date	2022.11.21	Retest. date	2024.11.14

Testing Items	Specifications	Results
Appearance	White to off-white powder	Conforms
Identification	¹ HNMR conforms to structure	Conforms
Purity (HPLC)	≥98.0%	99.79%
pH	2.0-4.0	3.1
Water content	≤5.0%	0.68%
Heavy Metal		
Pb	≤0.5ppm	Conforms
As	≤0.15ppm	Conforms
Cd	≤2.5ppm	Conforms
Hg	≤1.5ppm	Conforms
Microbial limit		
Total microbial count	≤750CFU/g	60CFU/g
Coliform	≤3.0MPN/g	N.D
Ethanol (By GC)	≤5000ppm	190ppm
Storage	Keep dry and away from light, storage at below 25°C.	
Conclusion	This product conforms to the specifications.	

ANALYST:

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CHECKER:

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Q.C. DIRECTOR:

