



**PEPTIDE
WORKS**

NAD+

Certificate of Analysis

Product Name	NAD+		
CAS No.	53-84-9	Batch No.	20250922029
Date of Producing	2025-09-22	Molecular Formula	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂ · Xh ₂ o
Retest Date	2027-09-22	Molecular Weight	663.43
Condition of Storage	2~8℃		
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conforms
Solubility	soluble in water	Conforms
pH value in water(100 mg/ml)	2.5-3.5	3.1
Water Content (Karl Fischer)	≤8.0%	7.1%
Peptide Purity (By HPLC)	≥98.0%	99.4%
Organic solvents(GC)	≤1%	<0.1%
Sodium content	≤1%	<0.1%
Cadmium content	≤0.1ppm	N.D.
Lead content	≤0.5ppm	N.D.
Mercury content	≤0.1ppm	N.D.
Total microbial count	≤500CFU/g	<10

Conclusion	Conforms to the Enterprise standard
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