

CERTIFICATE OF ANALYSIS

Product:NAD+ (500mg/vial)

Peptide Name	NAD+ (Nicotinamide Adenine Dinucleotide)	Molecular Formula	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂
Molecular Weight	663.43	CAS No.	53-84-9
Lot Number	NJ500-20260811	Specifications	500mg/vial
Manufacturing Date	2026/8/11	Report Date	2026/8/25
Re-test Date	2028/8/10	Storage Condition	-25°C to -5°C (Protect from light)
Tests	Specifications	Results	
Appearance	White powder,No visible foreign bodies	Conforms	
Solubility	Soluble in sterile water	Conforms	
Content determination (per vial, HPLC)	475.0 mg ~ 525.0 mg	500.87mg	
Purity (HPLC)	≥99.0%	99.34%	
Water Content (Karl Fischer)	≤3.0%	2.51%	
pH	6.0-7.5	7.1	
Related Substance (By HPLC)	Total Impurities (%) ≤2.0%	0.66%	
	Largest Single Impurity (%) ≤1.0%	0.36%	
Residual Solvents	Methanol: ≤0.3%	0.20%	
	Acetonitrile: ≤0.041%	0.037%	
	Ethyl Acetate: ≤0.5%	0.40%	
Heavy Metals	≤10ppm (Pb、As、Cd、Hg)	Conforms	
Sterility Test	Sterile (No microbial growth)	Conforms	
Bacterial Endotoxin	<5EU/mg	Conforms	
Content Uniformity	shall comply with regulations	Conforms	
Result(of inspection)	This product was tested according to corporate quality standards, with results conforming to regulations.		
Analyst: Wuyan	Reviewed by: liunwenwen		Authorized by: Zhang Jinyi
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