CERTIFICATE OF ANALYSIS

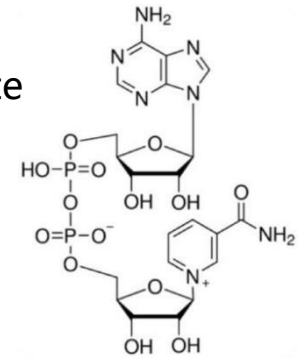
[Common Name]: NAD+, β-NAD+

[Chemical Name]: β-Nicotinamide adenine dinucleotide hydrate

[CAS NO.]: 53-84-9

[Formula]: $C_{21}H_{27}N_7O_{14}P_2 \cdot xH_2O$

[Storage]: Keep dry, away from light, and store at 2℃ to 8℃



Batch NO. : 11012025 **Reporting Date:11/01/2025**

Production Date : 11/01/2025 **Expiry Date : 11/01/2025**

Test items	Specification	Result
Appearance	White to off-white crystalline powder	Off-white crystalline powder
Purity(HPLC)	≥99.0%	99.4%
Content (enzyme.)(Calc. on dry basis)	≥99.0%	99.1%
Water contents	≤8.0%	7.3%
pH value in water(100 mg/ml)	2.5-3.5	3.0
Organic solvents(GC)	≤1 %	<0.1%
Sodium content	≤1 %	<0.01%
Cadmium content	≤0.1 ppm	N.D.
Lead content	≤0.5 ppm	N.D.
Mercury content	≤0.1 ppm	N.D.
Total microbial count	≤500 CFU/g	< 10
Conclusion : Conformable to all requested specifications.		

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Example