

Certificate Of Analysis

ISO 023-0132-73X

Peptide Name	NAD (β -nicotinamide adenine dinucleotide)		
Molecular Formula	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂	Manufacturing	2026/06/21
Molecular Weight	663.4	Report Date	2026/06/26
CAS No.	53-84-9	Re-test Date	2028/06/26
Appearance	white powder	Packing size	1 Kg/bag
Renference Standard	Enterprise Standard	Storage conditions	Cool dry place(-20°C, away from the light)

Tests	Specifications	Results
Appearance	White powder	Conforms
Assay(dry basis)	$\geq 90\%$	98.8%
Purity(HPLC)	$\geq 95.0\%$	97.5%
Sodium contents	$\leq 1.0\%$	0.0088%
Water contents	$\leq 5.0\%$	1.58%
PH (100mg/ml water)	2.0-4.0	2.39
Endotoxin	$< 0.2\text{Eu/mg}$	$< 0.20\text{ Eu/mg}$
Pb	$\leq 0.1\text{ppm}$	N.D
As	$\leq 0.1\text{ppm}$	N.D
Hg	$\leq 0.1\text{ppm}$	N.D
Cd	$\leq 0.1\text{ppm}$	N.D
Total microbial count	$\leq 750\text{ CFU/g}$	$< 10\text{ CFU/g}$
Coliform	$< 3\text{MPN /g}$	$<3\text{ MPN/g}$
Mold and yeast	$\leq 50\text{CFU/g}$	$< 10\text{ CFU/g}$

For ~~research use only~~. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

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