

Certificate Of Analysis

NO:023-N82-TSX

Peptide Name	NAD (β -nicotinamide adenine dinucleotide)		
Molecular Formula	$C_{21}H_{27}N_7O_{14}P_2$	Manufacturing	2026/01/10
Molecular Weight	663.43	Report Date	2026/01/11
CAS No.	53-84-9	Re-test Date	2028/01/09
Appearance	white powder	Packing size	1Kg/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)	$\geq 90\%$	99.1%
Purity(HPLC)	$\geq 95.0\%$	98.1%
Sodium contents	$\leq 1.0\%$	0.0045%
Water contents	$\leq 5.0\%$	1.27%
PH (100mg/ml water)	2.0-4.0	2.28
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.

Not For Direct Human Application

Analyst: Warden Zhao

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