Certificate Of Analysis

NO:026-N82-TSX

Peptide Name	NAD（β-nicotinamide adenine dinucleotide）		
Molecular Formula	$C_{21}H_{27}N_7O_{14}P_2$	**Manufacturing**	2026/09/01
Molecular Weight	663.4	**Report Date**	2026/09/06
CAS No.	53-84-9	**Re-test Date**	2028/09/01
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)	≥ 90%	98.8%
Purity(HPLC)	≥ 95.0%	99.0%
Sodium contents	≤ 1.0%	0.0088%
Water contents	≤ 5.0%	1.58%
PH (100mg/ml water)	2.0-4.0	2.39
Endotoxin	< 0.2EU/mg	< 0.20EU/mg
Pb	≤ 0.1ppm	N.D
As	≤ 0.1ppm	N.D
Hg	≤ 0.1ppm	N.D
Cd	≤ 0.1ppm	N.D
Total microbial count	≤ 750 CFU/g	< 10 CFU/g
Coliform	< 3MPN /g	<3 MPN/g
Mold and yeast	≤ 50CFU/g	< 10 CFU/g

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao **QC Director:** Melker Zhu **Checker**：Bowen Yang