



NAD⁺ peptide Cosmetic Raw Materials, Whitening And Moisturizing Lab Tested

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: 100mg*10vials, 500mg*10vials, 1000mg*10vails
- Minimum Order Quantity: 5 boxes
- Price: Negotiable
- Packaging Details: 10mg/vial, 10vials/box
- Delivery Time: 3-5 work days
- Payment Terms: T/T, Western Union, Ali trade assurance
- Supply Ability: 20000boxes/permonth



Product Specification

- Item: NAD⁺
- Specification: 100mg*10vials, 500mg*10vials, 1000mg*10vails
- MF: C₂₁₂H₃₅₀N₅₆O₇₈S

Product Description

What is NAD⁺?

NAD⁺ stands for nicotinamide adenine dinucleotide. From single-celled organisms such as bacteria to complex multicellular organisms such as primates, NAD⁺ is one of the most abundant and essential molecules. Simply put, without NAD⁺, we would quickly die. This molecule is the central hub of the mitochondria—the cell's "powerhouse." NAD⁺ not only helps convert food into energy but also plays a key role in maintaining DNA integrity and ensuring proper cellular function, thereby protecting our bodies from aging and disease.

How does NAD⁺ function in the body?

NAD⁺ acts like a "shuttle bus," transporting electrons from one molecule to another within cells, thereby facilitating various reactions and processes. Together with its molecular counterpart, NADH, this vital molecule participates in various metabolic reactions to generate energy for our cells. If NAD⁺ levels are insufficient, our cells will be unable to produce the energy needed to sustain life and perform their functions. Other functions of NAD⁺ include regulating our circadian rhythm, thereby controlling the body's sleep-wake cycle.

Compatible Research Peptides

In longevity model studies, NAD⁺ is typically investigated separately from regenerative peptides such as BP-157 and T500 in different experimental groups to distinguish between mitochondrial regeneration pathways and tissue-specific pathways. Parallel experimental designs using GHRH analogs (such as tesamorelin) help distinguish between NAD⁺-mediated sirtuin activation and IGF-1-dependent signaling pathways. Compared to combined assays, systematic comparisons of different pathways offer advantages and allow for clearer attribution of observed effects. In aging and telomere research, NAD⁺ is also used to characterize age-related substrate depletion.

Product Specifications:

Parameter	Details
Product Contents	NAD ⁺ Lyophilized Powder (99% purity) in 10mL vial.
Available Sizes	500mg, 1000mg
Peptide Type	Dinucleotide coenzyme (pyridine nucleotide)
Purity	99% (HPLC-MS verified, third-party tested)
Molecular Formula	C ₂₁₂ H ₃₅₀ N ₅₆ O ₇₈ S
Molecular Weight	663.43 g/mol
Sequence	N/A (small molecule, not a peptide)
Appearance	White to off-white lyophilized powder in sterile glass vial
Solubility	Soluble in water



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