

NAD+ (Nicotinamide adenine dinucleotide) 250mg

FORMULATION:

250mL of this formulation contains:

NAD+ 250mg

DESCRIPTION:

The NAD+ comes as a lyophilized powder white powder.

Each vial contains minimum of 250 mg

PRESENTATION:

Each carton contains 10 x 7mL vials.

STORAGE:

Store between +2 to +8°C (**Do Not Freeze**). Expiry Date is 12 months from the date of manufacture.

DOSAGE AND ADMINISTRATION:

The solution should be administered as soon as possible after removal from the box. Frequency as determined by the physician. This product is for **SINGLE USE ONLY. USE ONCE ONLY** and discard any residue.

GENERAL INFORMATION REGARDING**NAD+:**

Nicotinamide adenine dinucleotide (NAD) is a coenzyme central to metabolism. Found in all living cells, NAD is called a dinucleotide because it consists of two nucleotides joined through their phosphate groups. One nucleotide contains an adenine nucleobase and the other, nicotinamide. NAD exists in two forms: an oxidized and reduced form, abbreviated as NAD+ and NADH (H for hydrogen), respectively.

ADVERSE REACTIONS:

While NAD+ (Nicotinamide Adenine Dinucleotide) supplementation is generally considered safe for most people, there can be some adverse reactions or side effects. Some people may experience nausea, stomach pain, or other gastrointestinal issues when taking NAD+ supplements. Headaches are a commonly reported side effect with higher doses of NAD+. Dizziness or lightheadedness can occur, particularly with IV infusions of NAD+.

Absorbance coefficients:

17.6 x 10⁴ x mol⁻¹ x cm⁻¹ at 260 nm, 5.9 x 10⁴ x mol⁻¹ x cm⁻¹ at 333 nm (CN complex)

Absorbance maximum:

260 nm

Formula:

C₂₁H₂₇N₇O₁₄P₂

Molecular weight:

Mr = 663.4 pH value in water: approximately 3.0 (50 mg/ml)

Stability:

Solid: at +2 to +8° C, stored dry.

Solution:

10 mg/ml in aqueous solution, contains at least 99% NAD after 4 weeks at +2 to +8° C Quality

Purity:

100% β-NAD based on dry weight (enzymatically, CN-complex and absorbance): A₂₅₉ — A₃₃₉ : 0.83 ± 0.02, A₂₆₀ — A₃₃₀ : 0.22 ± 0.02

Absence of contaminants:

LDH inhibitors are not detectable

Organic solvents:

<0.05% (GC)

CONTRAINDICATIONS:

People with chronic conditions, such as cardiovascular disease or metabolic disorders, should consult a healthcare provider before starting NAD+ supplements. There is limited information on the safety of NAD+ supplementation during pregnancy and breastfeeding. It is generally recommended to avoid using it during pregnancy and breastfeeding unless specifically directed by a healthcare provider.



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