

NAD+ (Nicotinamide Riboside)

Boost cellular energy and slow the aging process

Overall Effectiveness: 9/10 Impact on Mitochondria: 10/10

Supplement Essentials

Benefits:

- Enhances mitochondrial function and energy production.
- Promotes healthy aging by supporting DNA repair and cellular resilience.
- Improves brain health and cognitive function.
- Supports cardiovascular health by improving blood vessel integrity.
- Strengthens immune system response.

Recommended Dose:

 Standard dose: 250-500 mg daily, depending on age, activity level, and health goals.

Upper Limit:

 Maximum safe dose: Up to 1,000 mg/day; higher doses should only be used under medical supervision.

Parts of the Human Anatomy That Benefit:

- Mitochondria (cellular energy centers).
- Brain.
- Cardiovascular system.
- Skin.

Usage Guidelines

Time of Day to Take:

Morning, to align with natural energy cycles.

With or Without Food:

 Can be taken with or without food, though taking with food may improve tolerance.

Solubility:

Water-soluble.

Bioavailability:

 High bioavailability, especially in capsule or powder forms.

Interactions & Contraindications:

- May interact with chemotherapy drugs or medications affecting DNA repair.
- Avoid if pregnant or breastfeeding without professional guidance.

Insights

Target Audience:

 Individuals seeking anti-aging benefits, energy support, or improved cognitive performance.

Side Effects:

 Mild symptoms like nausea, fatigue, or flushing in some individuals.

Duration of Use:

Safe for long-term use;
 benefits often increase with consistent supplementation.

Cost and Accessibility:

 Average price: \$40-\$100 for a 30-day supply, depending on dose and brand. Widely available online and in health stores.

Flavor or Texture:

 Often available as capsules, powders, or lozenges with a neutral taste.

Scientific Evidence:

Numerous studies highlight its role in boosting NAD+ levels, critical for cellular repair and longevity.

Sustainability and Ethics:

• Increasing availability of sustainably sourced, vegan-friendly products.

Recent Research and Trends:

• Growing use in biohacking and longevity protocols; often paired with sirtuin activators like resveratrol.

Disclaimer: Always consult a healthcare provider before starting any new supplement. For more information, visit reputable <u>supplement resources</u>.