

BluNADBooster®

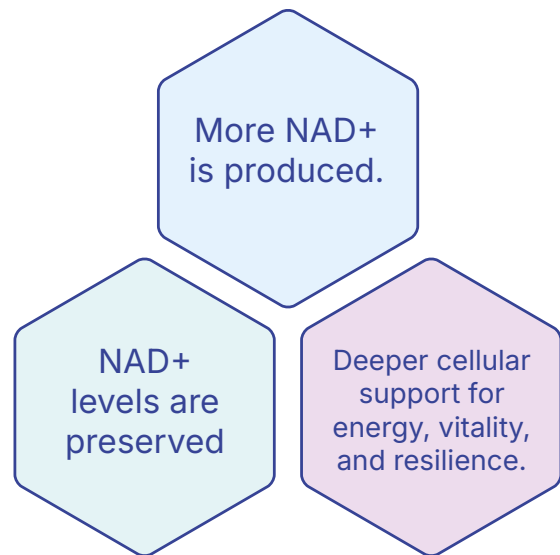
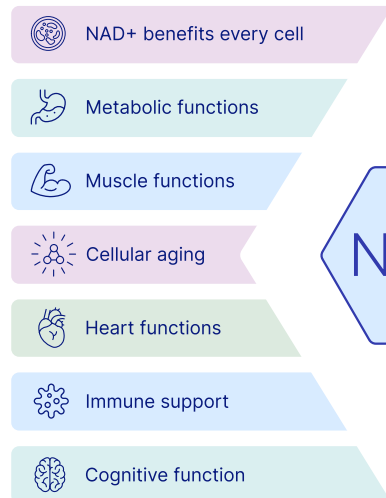
Natural, Smarter NAD+ Support.

It's not just how much NAD+ you make, it's how much you keep.



What Is It?

BluNADBooster is a patent-pending, plant-based NAD+ longevity ingredient that goes beyond synthetic precursors like NR or NMN. Rather than simply adding building blocks, BluNADBooster activates two NAD+ biosynthesis pathways and inhibits CD38, the enzyme linked with age-related NAD+ depletion.



Why Does It Matter?

NAD+ is central to energy production, DNA repair, metabolic balance, brain function, and healthy aging. Levels decline with age, so smart strategies to raise and preserve NAD+ are essential.

Key Selling Points:



Plant-based

Natural alternative to NR/NMN to boost NAD+ levels.



Dual-pathway activation

(Salvage + Preiss-Handler) for broader support.



Supports NAD+ preservation

via CD38 inhibition.



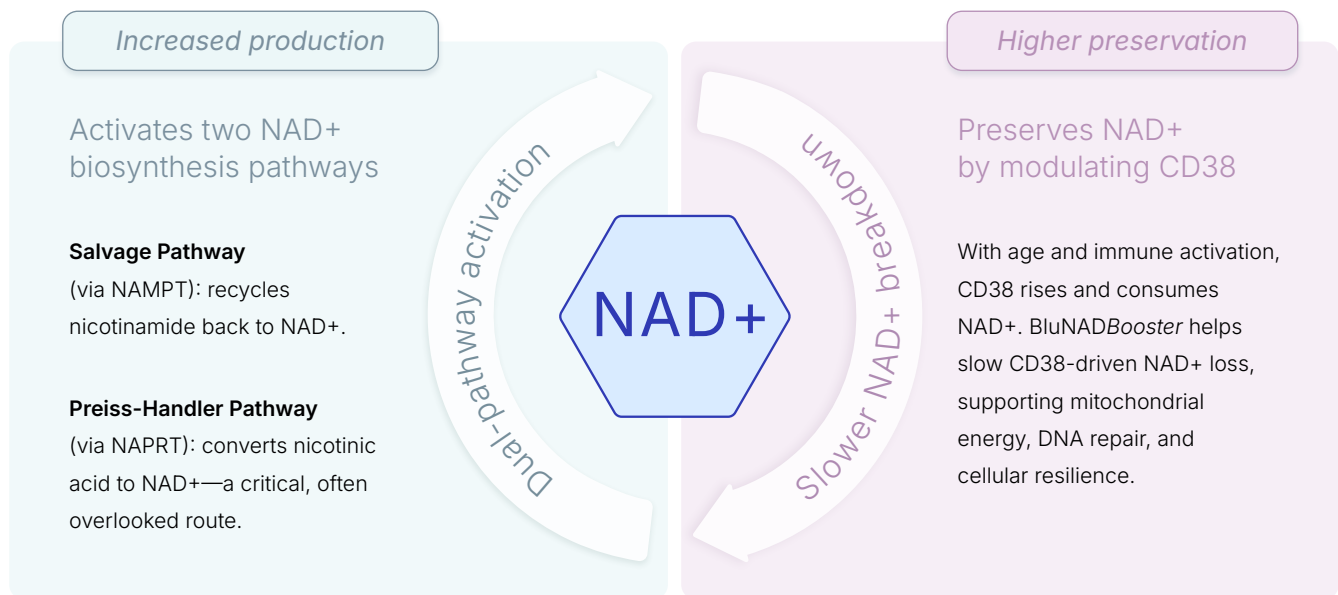
Clinically validated

Results published in peer-reviewed journal, December 2025.

How Does It Work?

Beyond boosting: a dual approach to NAD+ health

BluNADBooster elevates steady-state NAD+ by activating production and limiting breakdown.



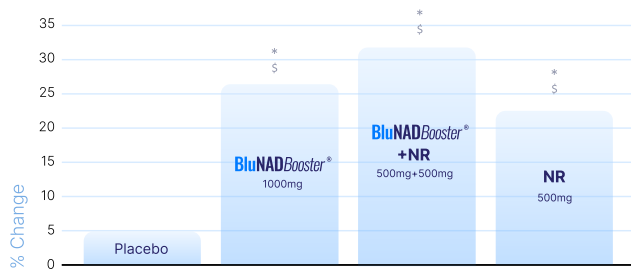
What Is It Made From?

A proprietary blend of standardized extracts from pomegranate (*Punica granatum*) and marigold (*Tagetes erecta*)—selected from ~900 screened botanicals for superior biological activity. Because it is 100% natural and non-synthetic, BluNADBooster also offers excellent safety for long-term use, supporting balance rather than forcing unnatural metabolic spikes.

Clinically Validated in New Human Study

Randomized, double-blind, placebo-controlled clinical study to evaluate the effect of BluNADBooster, NR, and a combination of BluNADBooster with NR. 140 Subjects (35 subjects each in BluNADBooster, NR, along with its combination & placebo arm).

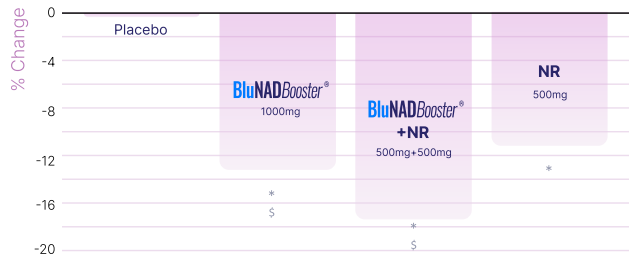
NAD+ Levels Increased



Blood NAD+ levels increased over 60 days.

BluNADBooster® (+26.48%) and NR (+22.69%) significantly increased NAD+, with the greatest increase observed in the combination group (+31.76%).

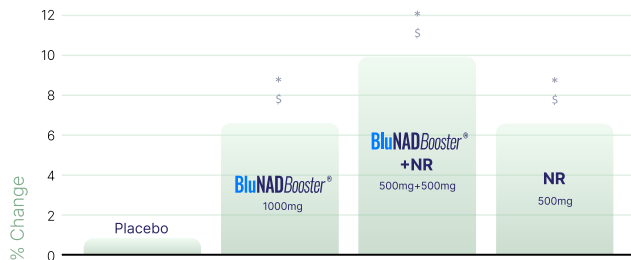
TNF-α Levels Reduced



TNF-α Reduced over 60 days

TNF-α, a pro-inflammatory cytokine associated with “inflammaging,” decreased significantly with BluNADBooster® (-13.2%) and NR (-11.1%), with the strongest reduction observed in the BluNADBooster® NR + group (-17.3%).

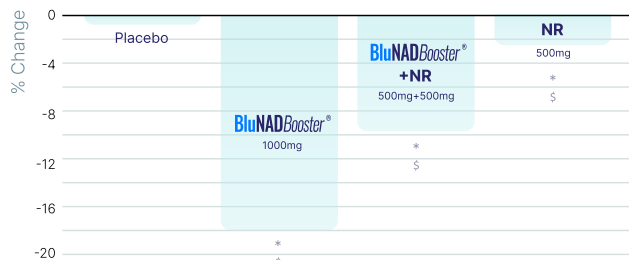
Six-Minute Walk Test Improved



Functional endurance improved after 60 days.

Walking distance increased with BluNADBooster® (+6.85%), NR (+6.59%), with the greatest improvement in the combination group (+9.94%).

CD38 Activity Reduced



CD38 (NADase) activity decreased after 60 days.

BluNADBooster® reduced CD38 activity by 17.98%, while NR showed minimal effect and the combination showed a modest reduction.

Data shown as percent change from baseline at Day 60 (mean ± SD). *p < 0.05 vs baseline (paired t-test), \$p < 0.05 vs placebo (ANCOVA with baseline adjustment).

Varun Kumar Bandi, Vittal Kumar Chundru, Aruna Yarasani, Ramesh Gajula, Vinay Kumar Pulipaka, Thabish Syed, Comparative efficacy of a standardized herbal composition LN22199, nicotinamide riboside, and their combination on NAD+ metabolism in healthy aging adults, Journal of Functional Foods, Volume 135, 2025, 107115, ISSN 1756-4646, <https://doi.org/10.1016/j.jff.2025.107115>.

Discovery Path

Our scientists selected and screened approximately 900 extracts that showed potent superoxide scavenging activity.



The four best picks that increased mitochondrial biogenesis and NAD production were selected and screened for NADase enzyme inhibition activities.



The selected extracts from the screening assays were combined at different ratios and further tested for NAD production and NADase inhibition.

Why Brands Choose BluNADBooster

- **Natural, not synthetic:** A plant-based alternative to NR/NMN that safely supports the body's own NAD+ production.
- **NR/NMN synergy potential:** Pairs with NR or NMN to broaden NAD+ support through complementary pathways.
- **Differentiated mechanism:** Dual-pathway NAD+ activation + CD38 inhibition in a controlled manner to preserve NAD+ levels—coverage most precursors can't match.
- **Flexible positioning:** Suitable for healthy aging, brain health, energy metabolism, and immune support concepts.

NXT 4 Pillars of Validation Drives Sales



Patient Responses

Validated questionnaires measure consumer experience.



Physician Assessments

Expert eyes confirm visible health improvements.



Biomarker Analysis

Objective measurements of the ingredient's effectiveness.



Physical Measurements

Physical, measurable results that show it's working.

Clean Claims

Promotes NAD+, NMN levels in the blood

Helps balance CD38

Supports physical activity and strength

Supports vitality, energy, and helps minimize fatigue

Supports cognitive function, memory, and recall

**Structure/function examples
—confirm per market*



Manufacturing & Quality

Produced at world class cGMP compliant manufacturing facilities from pilot scale to manufacturing scale as per global standards with NSF-GMP and ISO certifications and in-house R&D / QA QC capacity.

These statements have not been evaluated by the FDA. Products are not intended to diagnose, treat, cure, or prevent any disease.

