



RQX: Dual action NAD+ Preservation & Cellular Protection

When supporting longevity and cellular health, boosting NAD+ levels is only half the battle. Maintaining more consistent NAD+ levels and efficiently managing chronic inflammation have been bigger challenges.

RQX™ is the first-of-its kind solution. It uniquely helps preserve NAD+ levels while lowering inflammation.

RQX™ is a patent-pending, synergistic co-crystal of quercetin and nicotinamide (vitamin B3), integrated with D-Ribose.

This advanced delivery system uniquely maximizes the stability, solubility and synchronized release of the three active ingredients, providing greater efficacy.

RQX™ Benefits Include:

- Inhibits the CD38 inflammatory marker. CD38 is a primary NAD+-consuming enzyme turned on by chronic inflammation. By selectively limiting CD38 production, RQX™ preserves NAD+ pools within cells, supporting robust mitochondrial function, optimizing cellular health (sirtuin activity) and limiting the body's inflammatory response.
- Reduces chronic inflammation. This results from lowering the levels of inflammatory enzymes (cytokines) by turning off the NF-κB protein, which regulates the inflammatory responses.
- Prevents excessive NAD+ utilization. Excess activation of NAD+-dependent enzymes, including PARPS, can deplete cellular NAD+, can impair energy metabolism and DNA repair. RQX™'s dual action inhibits overactive consumption, ensuring sustained NAD+ availability for vital metabolic and repair processes.
- Lowers glycation. Excessive glycation, where sugars attach to proteins, fats and DNA, is associated with accelerating the aging process. RQX™ helps maintain protein integrity and vascular elasticity, mitigating age-related stiffness and glycation-driven oxidative stress.

Key Differentiators

- Clinically proven. Backed by in vitro and exploratory pilot human studies demonstrating superior NAD⁺ preservation and inflammatory marker reduction. Reduces chronic inflammation. This results from lowering the levels of inflammatory enzymes (cytokines) by turning off the NF-κB protein, which regulates the inflammatory responses.
- Advanced co-crystal technology. Synchronized delivery, uniform particle size and tunable dissolution for consistent bioavailability. Lowers glycation. Excessive glycation, where sugars attach to proteins, fats and DNA, is associated with accelerating the aging process. RQX™ helps maintain protein integrity and vascular elasticity, mitigating age-related stiffness and glycation-driven oxidative stress.
- Highly bioavailable. RQX's co-crystal technology increases quercetin solubility and absorption compared with standard quercetin extracts.
- Clean label and safety: No synthetic excipients or stabilizers used.

Additional Facts:

- ✓ Clinically proven
- ✓ Highly Bioavailable
- ✓ Clean label
- ✓ Advanced Co-Crystal Technology

Applications:

RQX™ is suitable for dietary supplements.

Elevate Your Formula. Grow Your Following.

Contact us to learn more about how **RQX™** will help you stand out in the crowded NAD⁺ and cellular health market by delivering better results that create brand loyalty.

Bioenergy Life Science: Your Partner in Innovation

BLS thrives on innovation! Our science-based, all-natural ingredients help us re-imagine the possibilities for dietary supplements, functional foods, beverages, cosmetics and personal care products. We use proprietary core technology and more than 30 years of experience to develop a variety of specialty ingredients and product solutions to help people of all ages feel, perform and look better from the inside out. We use our branded ingredients, custom premixes, finished product concepts, and value-add services to partner with our customers to develop or refine new formulations and line extensions.

In addition to our award-winning specialty ingredients, we offer value-added services such as product concepts, formulation and custom blending, wax-matrix sustained release tableting, small-pack options for start-ups (5K-plus), quality and regulatory, and marketing. We value consumer education and can show you how to teach buyers about the advantages of choosing your products versus those offered by the competition. This partnership helps our customers advance their businesses to the next level.

These statements have not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure or prevent any disease.



Re-imagining Ingredients for Healthier Living™

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