



ImmulinK

MBG[®] Reishi

Mobilize your defenses



What is Immulink MBG[®] Reishi?

Immulink MBG[®] Reishi is a carbohydrate polymer scientifically known as beta glucan, derived from the Reishi mushroom (*Ganoderma lucidum*). This complex compound consists of chains of D-glucose units linked together by β -glycosidic linkages. Extensive research has demonstrated the remarkable ability of this unique polymer to effectively support the immune system. It achieves this by activating the front-line immune cells, which in turn leads to a healthy and robust immune response, without causing over-stimulation.

Beta glucan is renowned for its status as a biological response modifier (BRM), a term which refers to its exceptional ability to both up-regulate and down-regulate biological system responses. Clinical research has indicated that the presence of beta glucan in the body is intricately linked to the production and activity of essential immune system components such as macrophages, NK-cells, T-cells, and cytokines. This feat is accomplished through a series of complex biological reactions, triggered by the binding of beta glucan molecules to the dectin1 and CD18 receptors present on the frontline immune cells.



Ganoderma lucidum

Modern Technology inspired by Ancient Wisdom

» Throughout the ages, mushrooms have held a revered position in traditional medicine, renowned in Asia as a cherished delicacy that promotes well-being and longevity. Yet, it is only in recent times that the Western world has begun to recognize their extraordinary medicinal properties. Extensive research has shed light on the remarkable potential of Reishi mushrooms, specifically the polysaccharide beta glucan, in fortifying and optimizing the immune system.

Introducing Immulink MBG® Reishi, an exquisite water-soluble beta glucan meticulously derived from an exclusive strain of Reishi mushroom. This extraordinary compound has undergone rigorous scientific validation, demonstrating its profound ability to mobilize crucial components of the immune system, thus bolstering immune health. By seamlessly integrating it into everyday consumables such as food, beverages, and dietary supplements, individuals gain unprecedented authority over their well-being, shielding themselves from the burdens of stress and strains that life may present.

Scientific & Regulatory Advantages

- Patent protected manufacturing processes
- FDA-Notified GRAS (Generally Recognized as Safe, GRN-413)
- USDA Certified Organic & GMO-free
- Certified Kosher and HALAL
- Authentic adaptogen with substantiated functional benefits.
- Allergen-Free: Gluten/Dairy/Grain/Soy-Free

Leverage the advantages of Immulink MBG® Reishi adaptogen in your upcoming product development.

Immulink MBG® Reishi offers diverse applications, making it an ideal choice for manufacturers seeking to enhance their product offerings. It can be seamlessly integrated into a variety of trendy items including RTD energy & sports drinks, kombucha, wellness shots and protein bars.






Immulin MBG[®] Reishi Formulation Benefits

- Superb water solubility
- Low dose for applications
- VEGAN and PALEO/KETO friendly
- Flavor neutral w/ bitterness masking property
- Improves textures and retains moistures of baked goods
- Contributes minimal viscosity to the existing formulation
- Acid/alkaline and heat freeze/thaw stable post-pasteurization and sterilization

Applications


- RTD Beverages
- Wellness shots
- Granola & snack bars
- Dairy-free protein shakes
- Baked goods (cookies, crackers, pastries)
- Cold brew coffee and tea
- Supplements such as gummies and effervescent powders

Ideal choice for businesses seeking to harness the benefits of mushrooms and incorporate them into a wide range of food and beverage offerings.



Experience the ultimate advantage with our premium Organic Reishi Extract, proudly crafted in the United States.

By implementing a rigorous and strategic cultivation methodology, we ensure the optimal development of medicinal mushrooms in a highly regulated and pollution-free environment. Our exclusive "Glucangensis™" technique guarantees that Immulink MBG® Reishi achieves the esteemed USDA organic certification and FDA-Notified GRAS status, attesting to its exceptional quality and purity levels.

The image features several light-colored, cylindrical capsules scattered across a white background. In the foreground, two capsules are prominently displayed, one resting on a large, vibrant green leaf. The leaf has a distinct vein pattern and a slightly wavy edge. The overall composition is clean and professional, emphasizing the natural and organic nature of the product.

“Considering its properties, Immulink MBG® Reishi is an incredible, and now well-documented, ingredient that's delivering real solutions to consumers and manufacturers. We're thrilled to provide this sort of health and wellness innovation to people worldwide and through so many affordable products that address countless customer needs and demands.”

Dr. S.N Chen, Chief Science Officer, SBG

Physical and Chemical Specifications

PHYSICAL PARAMETERS

Appearance	Fine light beige powder; clear in solution
Odor	Flavor neutral
Taste	Mild
Solubility	Hydroscopic with solubility >95%
Stability	Acid/Alkaline (pH 1-11), retort/baking/extrusion processing and heat / freeze / thaw stable

CHEMICAL PARAMETERS

Total Carbohydrate (%)	>90
Beta-Glucan (β 1,3 1,6) (%)	Min. 70
Fat (%)	<1.0
Protein (%)	<1.0
Moisture (%)	<5.0
Ash (%)	<3.0

Storage and Packing

Storage	Store in ambient condition away from direct sunlight
Stability	36 months when stored in original packaging
Packing	20 kilograms carton

Ingredient Statement

Immulin MBG® Reishi can be labeled as “Organic Reishi extract”, “Organic *Ganoderma lucidum* extract” or “Organic Reishi mushroom extract (beta glucan)” or Immulin MBG® Reishi*

(*Trademark License agreement required)



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