



ImmulinK

MBG[®] Cordyceps

Unlock & Fuel Your Vitality



What Is Immulin MBG[®] Cordyceps?

Immulin MBG[®] Cordyceps represents a soluble isolate of beta glucan sourced from *Cordyceps militaris*, an extraordinary and prized medicinal fungus. Studies indicate that *Cordyceps*-derived beta glucan has the potential to augment the effectiveness of immune cells, including macrophages, natural killer cells, and dendritic cells. These substances serve to trigger the synthesis of cytokines, proteins that assist in the regulation of various immune functions, ultimately resulting in fortified immune responses.

The presence of beta glucan in *Cordyceps militaris* plays a crucial role in its notable medicinal properties. Beta glucan, a complex carbohydrate polymer, is widely recognized for its ability to modulate the immune system. In the case of *Cordyceps militaris*, its unique beta glucan composition has been found to possess remarkable immunomodulatory effects.

CORDYCEPS



MODERN TECHNOLOGY INSPIRED BY THE ANCIENT WISDOM

Cordyceps militaris, known as the "caterpillar fungus," is a fungus deeply rooted in ancient medicinal practices, especially in Tibetan herbal traditions. This remarkable species has captured the attention of modern technology, drawing inspiration from the wisdom of the past. With its unique life cycle, where it infects and preserves moth larvae, *Cordyceps militaris* has fascinated scientists and innovators alike. Today, we recognize its potential as a natural immunomodulator, thanks to its beta glucan composition, and acknowledge its significance in both traditional and alternative medicine. The exploration of *Cordyceps militaris* continues through ongoing research, seeking to unravel its mechanisms of action and explore its therapeutic applications, bridging ancient wisdom with cutting-edge advancements.

SCIENTIFIC & REGULATORY ADVANTAGES

- Patent protected manufacturing processes
- GRAS by scientific procedures (Generally Recognized as Safe)
- USDA Certified Organic & GMO-free
- Certified Kosher and HALAL
- Allergen-Free: Gluten/Dairy/Grain/Soy-Free



Immulin MBG[®] Cordyceps: 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
- Ideal choice for businesses seeking to harness the benefits of mushrooms and incorporate them into a wide range of food and beverage offerings

Applications

- RTD Beverages
- Wellness shots
- Sports drinks & enhanced waters
- Granola & snack bars
- Baked goods (cookies, crackers, pastries)
- Cold brew coffee and tea
- Gummies, Tablets and effervescent powders



***Leverage the advantages of Immulink MBG®
Cordyceps in your upcoming product development.***

Immulink MBG® Cordyceps 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 cold brew coffee/tea, oatmilk lattes, wellness shots, gummies and granola bars.





*The Best Source Of
Cordyceps
Militaris
Extract,
Made In The USA*



Built upon a meticulous and strategic cultivation approach, ensuring the growth of medicinal mushrooms in a tightly controlled environment, devoid of any pollutants or contaminants. Our patented "Glucangensis™" process guarantees that Immulink MBG® Cordyceps attains the prestigious USDA organic certification and GRAS by scientific procedure status, signifying its impeccable quality, safety and purity.

Physical & Chemical Specifications

PHYSICAL PARAMETERS

Appearance	Fine light beige powder; clear in solutions
Taste	Flavor neutral
Odor	Mild
Solubility	Hygroscopic 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/LOD (%)	< 5.0
Ash (%)	< 3.0

STORAGE AND PACKING

Storage	Store in ambient condition away from direct sunlight
Shelf Life	36 months when stored in original packaging
Packing	10 Kilograms aluminum foil sealed bag

LABELING

Immulin MBG® Cordyceps can be labeled as "Organic Cordyceps extract", "Organic Cordyceps *militaris* extract" or "Organic Cordyceps mushroom extract (beta glucan)" or Immulin MBG® Cordyceps*

*Trademark License agreement required

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