



High Purity 1,3-Beta-Glucan for Immune Health

BGF-Immune® is a clinically-studied, immune support ingredient containing high purity 1,3-Beta-Glucan produced via a unique fermentation process. 1,3-Beta-Glucans support healthy immune function by working on the cells of the innate immune defense system to mobilize a complex set of immune defense mechanisms. This ultimately enhances the body's immune response to promote overall health and wellness. General research shows that immune function receptor bindings are specific to 1,3 linkages. Unlike other sources of Beta-Glucan from barley, oats, mushrooms and yeast that report a combined total of (1,3 & 1,4) or (1,3 & 1,6) Beta-Glucans, BGF-Immune® contains high purity 1,3 linkages with virtually no 1,4 or 1,6 linkages. It is the 1,3 linkage that is specifically associated with immune health. In addition, BGF-Immune® is insoluble in water, and this is critical to its function – the structural polysaccharides are not disrupted in water.

Features & Benefits

Non-GMO Project Verified

High purity, insoluble, 1,3-beta-glucan linkages

Enhanced Bioavailability – Lower Molecular Weight

Produced via a Unique Fermentation Method without the use of solvents

Clinically studied for immune function

Clinical & Scientific Studies

- Eight-week, randomized, double blind, placebo-controlled study, BGF-Immune® dose 412 mg/day, n=83. This study showed an increase in immune modulating NK cell activity, especially in participants experiencing stress.
- Lab animal studies were used to elucidate biochemical mechanisms of BGF-Immune® for supporting immune-related GI distress and inflammation.
- In-vitro studies further demonstrate immune action with respect to cytokine production, gene expression, cellular toxicity and activity against respiratory pathogens.
- BGF-Immune® in-vitro studies show enhanced immune pathway expression when compared to Baker's Yeast 1,3/1,6 beta-glucan. This supports the immune modulating benefits of the 1,3 beta-glucan in BGF-Immune® versus beta-1,3/1,6 glucans.

Formulating with BGF-Immune®

Immune support ingredient, for dietary supplement use — available in powder form

Suitable for use in capsules, tablets, softgels, gummies, powders

Clinical study dose is 412 mg/day, which delivers 350 mg of 1,3-Beta-Glucan

Use BGF-Immune® (1,3-Beta-Glucan) at a dose of 250 mg as a cost effective option to replace other beta-glucans containing both 1,3 & 1,6 linkages. This is based on a dose comparison analysis which takes into account the amount of beta-glucans in clinically studied products. BGF-Immune® 1,3-Beta-Glucan is determined to be effective to support immune health based on a lowest daily dose of 250 mg/day.

Applications

Dietary supplements

Functional foods

Candies & gummies

Animal health

Certifications & Quality Assurance

Non-GMO Project Verified

Kosher

Halal

Allergen-Free

Structure/Function Claims

Supports immune health

Supports a healthy immune system

Helps maintain proper immune function

Helps support normal immune function

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