

BIOACTIVE **GLUTAMINE™**

With prebiotics and enhanced intestinal permeability delivery system

- Enhances tissue repair following stress or trauma
 - Facilitates intestinal health and digestive function
 - Boosts immune function
 - Spares muscle tissue from catabolization
 - Increases protein synthesis and regulates glycogen synthesis



BioActive Glutamine™ by PhytoCeutical Formulations, LLC is a bioactive glutamine complex, specifically designed to provide maximum glutamine absorption for cell and tissue regeneration, digestive and intestinal health and immune function.

Glutamine is the most abundant amino acid in muscle tissue and plays a key role in many bodily functions. For this reason it is considered a “conditionally essential” amino acid. Research has shown glutamine supplementation to aid in recovery from exercise, surgery and trauma, provide benefit for gastrointestinal conditions, wound healing, cancer, HIV/ AIDS, enhance immune function, and prevent complications associated with chemotherapy, radiation and bone marrow transplant.

Developed by and manufactured for



PhytoCeutical Formulations, LLC
Mandeville, LA 70448
888.551.1080
www.pcfllabs.com

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

During stressful situations (from heavy resistive weight training to surgery) the body can lose a large amount of glutamine. A loss of glutamine may be a signal for protein catabolism (muscle breakdown). Glutamine supplementation has been shown to prevent the loss of body mass through the positive role glutamine plays in protein synthesis and its action as a potent anabolic agent.

Glutamine also effects glucose metabolism. Glutamine converts to glucose without changes in either insulin or glucagen, the hormones that regulate blood sugar. During dieting, and times of carbohydrate depletion, glutamine can exert positive effects on the amount of body fat loss as well as the retention of lean body mass.

Given all its benefits, the challenge with glutamine is its inability to be readily absorbed by the body. Glutamine is absorbed through the intestines and unfortunately only about 30%–50% actually reaches the bloodstream.

BioActive Glutamine™ by PhytoCeutical Formulations, LLC overcomes this challenge with its unique formulation providing increased intestinal permeability for maximum glutamine absorption.

BioActive Glutamine™ combines 100% pharmaceutical grade L-Glutamine with its enhanced ImmunoSorb™ delivery system. ImmunoSorb™ utilizes the immune building prebiotic fiber FOS (fructooligosaccharides) with D-Mannitol, providing optimal absorption of this key amino acid while further enhancing digestive health and immune function.

Supplement Facts

Serving Size 8g (1 level scoop)
Servings per container 60

	Amount Per Serving	%DV
L-Glutamine	5g	*
ImmunoSorb™	3g	*
Enhanced absorption complex		
Fructooligosaccharides (FOS)		
D-Mannitol		

Percent Daily Values (DV) are based on a 2,000 calorie diet.
*Daily Value Not Established.

Suggested Use: Mix one-two (1-2) scoops (one or two heaping TBSP) in water, juice or shake.

Preworkout: May be combined with **OptiATP®** for maximum cell volumization and anticatabolism.

Postworkout: Add to a protein shake or for maximum results, also take on empty stomach prior to bedtime.

Immune & Digestive Function: Two scoops on empty stomach prior to bedtime and additionally as needed throughout day, on empty stomach (one hour prior to meals or two to three times after meals). *See dosing chart.*

Suggested Dosage -

Grams daily based on health support desired.

Average - 10 grams daily

Moderate - 20 grams daily

Greater - 30 grams daily

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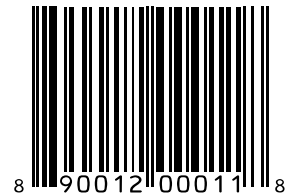
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Case Dimensions
6.5" H x 11.5" W x 15.25" L

Case Quantity
12 - 16.9oz Bottles

Bottle Dimensions
5.75" H x 3.5" W



This quality **PhytoCeutical Formulations™** product is thoroughly assayed for purity, potency and consistency. Our Quality Assurance Procedures and Good Manufacturing Practices ensure that each product meets our highest standards.

All **PhytoCeutical Formulations™** products are manufactured in a GMP certified facility.

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