# **BioG-Max PC**

# Phospholipid Encapsulation System



#### PRODUCT INFORMATION

**Phosphatidylcholine** (PC) is the most predominant phospholipid building block of animal- and plant-cell membranes, and it's an integral part of the structure of circulating lipoproteins. It is a vital component required for both membrane integrity and structure. PC is a normal constituent of bile and facilitates fat emulsification, absorption, and transport.

Metabolism of PC provides choline to the body while choline can be synthesized from methionine or serine, it is often considered an essential nutrient and must be obtained from the diet. Sufficient levels of phosphatidylcholine have been shown to support many biochemical pathways, enhance physiology, and restore critical functions such as, liver detoxification of chemicals, heavy metals, and xenobiotics; fat metabolism, including improved cholesterol levels, and reduced platelet aggregation risk; and increased endurance for physical performance and improved post-exercise recovery. PC supplementation has demonstrated increased availability of the important neurotransmitter acetylcholine within the brain, leading to improved memory, cognition, and mood in disorders such as dementia, Alzheimer's disease<sup>2,3,4</sup>, and bipolar disorder.

Other health-supporting mechanisms supported by PC include blood sugar regulation, cellular anti-inflammatory and regulatory messaging, lung surfactant health, protection of gastric mucosa from NSAID<sup>5,6</sup> use, and therapeutic potential for the treatment of Inflammatory Bowel Disease. PC is a powerful antioxidant and has been shown to have anti-aging benefits<sup>7</sup>, in addition to improved joint mobility and reduced pain associated with rheumatoid arthritis. Choline is also a major source of methyl groups via its metabolite trimethylglycine (TMG), which is important for Phase II hepatic detoxification.



## PRODUCT FEATURES

- Tightly controlled small sizing, verified by Laser
- Dynamic Light Scattering on each batch (Phosphatidylcholine mean size 20-30nm)
- Pleasant taste, suitable for intra-buccal delivery
- Easy to disperse in water when desired
- Intra-oral delivery for best systemic availability
- Easy to dispense and take directly from bottle

## **SUPPLEMENT FACTS**

Serving size: 1 tsp (5 mL) Servings per container: 24	Amount Per Serving	% Daily Value
Phosphatidylcholine (from purified soybean lecithin)	650 mg	**
** Daily Value Not Established		

Other Ingredients: Water, glycerin, ethanol, tocofersolan.



### **DIRECTIONS FOR USE**

Take 1 teaspoon by mouth twice daily. Hold in mouth 30-90 seconds before swallowing. Repeat to desired dosage or as directed by a health care professional. Take on an empty stomach, at least 10 minutes before meals. If pregnant, breastfeeding, or planning to become pregnant, consult a physician before use.

#### **STORAGE**

Refrigerate upon receipt. \*\*



## REFERENCE LIST

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