



Innovative by nature

PRIVATE LABEL

OUR BRAND OR YOURS.

# PHYTOCANN-OMEGA

### Supports:

- Endocannabinoid System\*
- Joint Mobility\*
- Endurance\*
- Methylation\*
- Immune Support\*

The combination of CO2 extracted perna oil and DMG is a patented combination (US Patent 7229646), geared toward supporting healthy joint and immune function.\*

### Perna Oil: The Ultimate Omega Fatty Acid Source

*Perna canaliculus* (New Zealand Green-Lipped Mussel) oil provides key building blocks to support the structural integrity and maintenance of joints, ligaments, and tendons.\* *Perna canaliculus* is a sustainable, edible species of mollusk from New Zealand. Research over the past 20 years shows that the Perna mussel contains a combination of natural components that benefit joint dysfunction, which is not provided when these components are isolated.\*

The perna oil used in this formulation is a highly concentrated, CO2 extracted oil, containing a complex of 30 different fatty acids, more than any other omega fatty acid source in the world. The synergy of these fatty acids has powered positive clinical outcomes in clinical trials for the past three decades.

The most significant landmark study was conducted on the CO2 extracted perna oil related to comfort and mobility was in 2013. The results revealed a staggering 89% better health outcomes with 91% of subjects reporting an improvement in their quality of life.\* This was as compared to subjects who were taking fish oil, which demonstrated no significant changes.<sup>1</sup>

Eicosatetraenoic Acid (ETA) is a lesser known fatty acid as compared to EPA and DHA, that is found in almost exclusively in green lipped mussel. The potential for this compound to help promote the conversion of EPA, have an impact on regulating arachadonic acid as well as produce metabolites that possess pro-resolvin activity that is typically found with EPA and DHA metabolites has positioned this fatty acid as one the most important novel fatty acid compounds. A 2018 study in the research journal Prostaglandins, Leukotrienes and Fatty Acids found that ETA serves as a novel approach to regulation of neutraphil leukotriene stimulation and neutraphil chemotaxis, which can promote healthy tissue repair, regeneration and functionality.\*

### Perna Oil's Perfect Companion

DMG (N,N-Dimethylglycine) is a natural substance found in low levels in the body and in certain foods like meat (liver), beans, seeds and grains. Over 30 years of research has shown that DMG acts like a cellular catalyst improving the efficiency of the major metabolic pathways of the cell, such as methylation.\* Research and studies have shown that DMG supports endurance and stamina, cellular energy levels and oxygen utilization.\* DMG has also been studied for its free-radical fighting properties.\* DMG is also considered a powerful adaptogen due to its ability to support mental and physical responses to stress.\*

Hemp extract delivers endocannabinoid support with a full spectrum of phytocannabinoids. There is currently no conclusive data to make statements as to whether CBD can further support methylation or the pathways that are supported by perna oil, however, supporting the endocannabinoid system may further help to bring an overall sense of balance.\*

### Supplements Facts

#### Serving Size: 1 Softgel

#### Amount Per Serving

Calories	5
Total Fat	0.5 g
GlycOmega™ Green Lipped Mussel ( <i>Perna canaliculus</i> ) oil	50 mg
N,N-Dimethylglycine HCl	50 mg
Full Spectrum Hemp ( <i>Cannabis sativa</i> ) Oil	50 mg
Phytocannabinoids	5 mg

Other Ingredients: olive oil, empty softgel (gelatin, glycerin, purified water, carob (color)), beeswax, sunflower lecithin.

**Warning:** If pregnant or nursing, consult your healthcare practitioner before taking this product.

**Suggested Use:** As a dietary supplement, take 1 softgel daily, or as directed by your healthcare practitioner.

020089J.060 (60 Softgels)

GlycOmega™ is a Trademark of Aroma New Zealand LTD.

<sup>1</sup>Zawadzki, M., Janosch, C., & Szechinski, J. (2013). Perna canaliculus lipid complex PCSO-524™...Marine drugs, 11(6), 1920–1935. doi:10.3390/md11061920

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

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