

BIOMEGA-3 90 Enteric-Coated Softgels

Product description

BiOmega-3 is a high quality, enteric-coated fish oil concentrate that contains the active omega-3 fatty acids eicosapentaenoic acid (EPA) and docosahexanoic acid (DHA), stabilized with natural vitamin E. Three enteric-coated capsules of BiOmega-3 deliver 1500 mg of fish oil supplying 450mg of EPA and 300mg of DHA. Natural vitamin E stabilizes the active omega-3 fatty acids by inhibiting lipid peroxidation. The product is formulated to enhance the absorption of the active omega-3 fatty acids (EPA, DHA) without fishy aftertaste or burps.

Summary of Scientific Literature

There exists excellent scientific documentation of benefits: Fish oils and the long chain omega-3 fatty acids are one of the best-documented products for nutritional support. Omega-3 fatty acids, derived from fish oil, are useful in the promotion of cardiovascular health and have documented anti-inflammatory effects. Omega-3 fatty acids (EPA, DHA) provide nutritional support for cardiovascular, joint, immune and central nervous systems. Omega-3 fatty acids are known to be precursors of so-called "3 - Series" eicosanoids, (prostaglandins, prostacyclin and leukotrienes), which are anti-inflammatory, anti-thrombotic (prevent clots), and lower blood pressure (Turini et al 1994). Western diets tend to be much too high in saturated fat and omega-6 polyunsaturated fatty acids, and deficient in omega-3 fatty acids.

Features and benefits

- In spite of the benefits of fish oil, patient compliance may be low as a consequence of poor palatability of fish oil, halitosis and gastrointestinal upset, especially at high dosage. BiOmega-3 improves patient acceptability by reducing unpleasant gastrointestinal upset and bad breath.
- Improved absorption of fatty acids due to enteric coating allows administration of lesser amounts of fish oil to produce an effect (Belluzzi et al 1996). This provides a cost advantage as compared to non-enteric-coated products.
- Liquid fish oil preparations are often unstable due to rapid lipid peroxidation with exposure to air. Liquid fish oils do not have a pleasant taste or odor.
- 3 enteric-coated softgels provide high potency EPA(500 mg) and DHA (300 mg) with excellent patient response and superior absorption.
- BiOmega - 3 is available with competitive cost, professional margins for successful patient compliance, convenience and palatability.*

Belluzzi A. et al, "Effect of an enteric-coated fish-oil preparation", N Engl J Med 1996;334:1557-1560.

Kromout, D. et al, "The Inverse Relation Between Fish Consumption and 20-Year Mortality", New England Journal of Medicine. 1985, vol. 312, no. 19, pp. 1205-1209.

Bang, H. Dyerberg, J. and Hjorne, N., "The composition of food consumed by Greenland Eskimos", Acta Med Scand, 1976, 200: 69-73.

Simopoulos, A., "Omega-3 fatty acids in health and disease and in growth and development", American Journal of Clinical Nutrition, 1991; 54,pp. 438-463.

Turini ME, Powell WS, Behr SR and Holub BJ, "Effects of a fish-oil and vegetable-oil formula on aggregation and ethanolamine-containing lysophospholipid generation in activated human platelets and on leukotriene production in stimulated neutrophils."

Am J Clin Nutr. 1994 Nov;60(5):717-24.