



A Research and Innovation Company  
"Providing Supplements and Ingredients  
to the Nutraceutical Industry"

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## **PolicosanolPlus®**

**PolicosanolPlus®** - is a natural mixture of Aliphatic Alcohols-Saturated Fatty Acids and Polyunsaturated Fatty Acids (omega-3, omega-6, omega-9) in their naturally occurring ratios, proven to be safe and effective in the reduction of total blood cholesterol, LDL-cholesterol levels and increases HDL-cholesterol levels.

### **Evidence supports its use as a functional ingredient for:**

- Cardiovascular Health and Cholesterol Health.
- Nerve Regeneration Health and Neuroprotection Health
- A valuable addition to therapeutic lifestyle changes
- A heart healthy discovery

### **Product applications**

- Helps lower the risk of cardiovascular disease.
- Reduces complications in people with artery diseases.
- Lowers total cholesterol levels (12% to 25%) (Inhibits cholesterol synthesis at the earliest step of the cholesterol biosynthetic pathway) and LDL cholesterol levels (18% to 30%) (Increases receptor-dependent LDL processing, raising its catabolic rate and consequently reducing the plasma levels of LDL cholesterol) and Increases beneficial HDL cholesterol levels (8% to 20%) (Removes plaque from arterial wall).
- Helps protect against arterial blood clotting:
  - Inhibits abnormal platelet aggregation without affecting blood coagulation
  - Reduces the atherosclerotic lesion
  - Reduces the foam cell formation
  - Reduces proliferation of cell on the lining of the arteries
  - Improves blood flow
- Helps protect against arterial inflammatory factors:
  - Protectively affects and beneficially acts on vascular endothelium
  - Reduces Thromboxane levels and increases Prostacyclin levels
  - Prevents early atherosclerotic lesion, foam-cell formation and thrombus formation
  - Protects against LDL oxidation
- Maintains efficacy, as well as very good safety and tolerability.
- Happens to be effective and well tolerated in hypercholesterolemic postmenopausal women; in people over 60 year old and in people with intermittent claudication.
- Happens to be effective and safe in patients with diabetes mellitus and hypercholesterolemia.
- Happens to be effective and safe in heart bypass survivor.

The recommended dose range of PolicosanolPlus®, for the average adult, is just 10 mg to 60 mg daily, making it particularly well suited for used in dietary supplements, functional foods, drinks and sports nutrition.