



Presents for your consideration:

BioLipotrol

- Promotes healthy cholesterol and triglyceride metabolism
- Aide for normalizing elevated lipids
- Supports establishment of ideal HDL/LDL ratios

This all-natural nutraceutical is designed to assist the body in regulating the manufacture and metabolism of cholesterol, HDL, LDL and triglycerides. **Inositol Hexanicotinate** is composed of one molecule of the B vitamin, inositol and six molecules of another B vitamin, niacin. Inositol hexanicotinate has several advantages over regular niacin or standard formulations of time released niacin. Regular niacin has a long track record of positively affecting serum lipid levels, but has the negative draw back of causing dermal flushing, "the niacin flush", in persons taking it. Because of the flush and some itching that may accompany it, regular niacin has had a poor long term patient compliance record. Not to loose the benefits of niacin, researchers came up with the idea of time releasing the niacin for several hours to prevent the flushing reaction. While time releasing was successful the ingredients used (waxes and resins) proved potentially harmful in some individuals. The typical problematic side effect was an elevation of liver enzymes. Well, along came inositol hexanicotinate. This form of niacin has been the perfect solution. In this form, the niacin is slowly released

from the inositol over several hours without the need for chemical binders such as waxes or resins. Inositol hexanicotinate gives the patient all the advantages of niacin without the side effects. With inositol hexanicotinate patients get the benefit of its lipid lowering effects with little or no flushing response.

BioLipotrol	Amounts per serving
Serving size	1 capsule
Number of servings per container	60
Vitamin B3 (Nicotinate)	41 mg.
Inositol Hexanicotinate	400 mg.
Inositol	100 mg.
Guggul Gum Extract	200 mg.
Red Yeast Rice Extract	125 mg.
Policosanol	10 mg
Suggested Dose: Take 1-2 capsules, twice per day or as directed by your health care professional.	

Guggul Gum Extract refers to the extract of the oleoresin of the mukul myrrh tree. Oral use of Guggul has been shown to improve lipid profiles. In addition to Gugguls lipid lowering benefits, Guggul extracts have been shown to possess antioxidant properties, protecting lipids from oxidation.

Red Yeast Rice Extract is a product of the fermentation of rice with various strains of yeast *Monascus purpureus*. Red Yeast Rice (RYR) has been shown to promote healthy lipid levels. The monacolins in RYR exhibit HMG-CoA reductase-inhibitory activity. This activity may in part explain the lipid lowering effects of RYR.

Policosanol is derived from sugar cane. Studies have shown it to promote healthy lipid levels.

Warning: Pregnant women and nursing mothers should avoid this product. Persons with liver dysfunction, gout,

renal dysfunction, peptic ulcer disease or gastritis or a known sensitivity to any of the ingredients in this product should avoid this product.

References:

Gavin G, McHenry EW. **Inositol as a lipotropic agent.** *J Biol Chem* 148: 275, 1944.

Harthon L, Brattsand R. **Enzymatic hydrolysis of pentaerythritol tetranicotinate and meso-inositol hexanicotinate in blood and tissues.** *Arzneimittelforsch* 29: 1859-62, 1979.

Hotz W. **Nicotinic acid and its derivatives: A short survey.** *Adv Lipid Res* 20: 195-217, 1983.

EI-Enein AAM et al. **The role of nicotinic acid and inositol hexanicotinate as anti-cholesterolemic and anti-lipemic agents.** *Nutr Rep Int* 28(4): 899-911, 1983.

Werbach MR. **Nutritional Influences on Illness: A sourcebook of clinical research, 2nd Ed.** *Third Line Press, Tarzana, CA*, 1993.

Head KA. **Inositol hexanicotinate: a safer alternative to niacin.** *Alt Med Rev.* 1: 176-184, 1996.

PDR for Nutritional Supplements, 1st Ed. *Medical Economics/Thompson Healthcare., 2001.*

Nityanand S et al. **Clinical trials with Gugulipid: A new hypolipidemic agent.** *J Assoc Phys India* 37(5): 323-8, 1989.

Verma SK, Bordia A. **Effect of Commiphora mukul (gum guggul) in patients of hyperlipidemia with**

special reference to HDL-cholesterol. *Indian J Med Res* 87: 356-60, 1988.

Singh K, Chander R, Kapoor NK. **Guggulsterone, a potent hypolipidaemic, prevents oxidation of low density lipoprotein.** *Phytother Res* 11: 291-4, 1997.

Werbach MR, Murray MT. **Botanical Influences on Illness: A sourcebook of Clinical Research. 2nd Ed.** *Third Line Press Inc., Tarzana, CA*, 2000.

Endo A, Monacolin K. **A new hypocholesterolemic agent produced by a *Monascus* species.** *J Antibiot (Tokyo)*. 32: 852-854, 1979.

Li C, Wang Y, et al. ***Monascus purpureus*-fermented rice (red rice yeast): a natural food product that lowers blood cholesterol in animal models of hypercholesterolemia.** *Nutr Res.* 18: 71-81, 1998.

Gouni-Berthold I, Berthold HK. **Policosanol: Clinical pharmacology and therapeutic significance of a new lipid-lowering agent.** *Am Heart J* 143:356-365, 2002.

These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.

For Quality and Value without Compromise



Is the logical choice!