

Blackcurrant Seed Oil

Dietary Supplement



For Healthcare Professionals Only

Dietary Supplement for Low GLA Levels

Gamma linolenic acid (GLA) is found in mother's milk as well as certain food sources such as Blackcurrant Seed.

In healthy people, the body converts GLA from linoleic acid (LA), the most abundant n6 fatty acid in the average western diet. GLA is the precursor for arachadonic acid, dihomogamma linolenic acid (DGLA) and of certain prostaglandins (PGEI) which in turn play important roles in maintaining health.

A number of dietary factors can affect the conversion of LA to GLA. Among others, they include excessive intake of trans fatty acids, common in western diets, which can inhibit enzymatic reactions (delta-6-desaturase activity) that affect the LA to GLA conversion process. Niacin (B3), pyridoxal-5-phosphate (B6), vitamin C and magnesium are cofactors for delta 6-desaturase. Excessive alcohol intake can also interfere, as can zinc deficiency, as zinc is required for the conversion process as well. Additionally, high intake of sugar and refined carbohydrates, diabetic conditions and aging can all negatively affect this conversion.

Blackcurrant Seed Oil from Biotics Research is available in bottles of 60 softgel capsules. Each capsule supplies Blackcurrant Seed Oil, providing 80 mg of GLA

For additional information please contact us:

Biotics Research Canada • Toll Free: (800) 840-1676
Box 283 Keswick ON L4P 3E2
Email: orders@bioticscan.com
www.bioticscan.com

PGEI prostaglandins are vital for maintaining cardiovascular health. They prevent blood platelets from sticking together and help regulate cholesterol production in the liver. They also help the body utilize the glucose regulating hormone insulin and help protect the body against inflammatory immunoresponse conditions. Because PGEI prostaglandins, vital for maintaining health, are dependent on adequate GLA for their production, it may be beneficial to provide supplemental GLA to those suspected of having low GLA levels due to an inadequate diet.

Supplement Facts

Serving Size: 1 Capsule

	Amount Per Serving	% Daily Value
Blackcurrant Seed Oil	535 mg	*

* Daily Value not established

Other ingredients: Gelatin, glycerin and water.

Each softgel capsule contains 535 mg of pure Blackcurrant Seed Oil providing Gamma linolenic acid (80 mg), Alpha linolenic acid (55 mg), Linolenic acid (235 mg), Oleic acid (55 mg) and Palmitic and Stearic acid (35 mg).

RECOMMENDATION: One (1) capsule each day as a dietary supplement or as otherwise directed by a healthcare professional.

KEEP OUT OF REACH OF CHILDREN

Store in a cool, dry area.

Sealed with an imprinted safety seal for your protection.

NDC #55146-01427 Rev. 8/08

