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Black Raspberry Seed Oil

Rubus occidentalis

Black Raspberry Seed Oil is a rich source of polyunsaturated fats including omega 3 fatty acid and antioxidants including both tocopherols and tocotrienols. Tocopherols are primarily gamma tocopherol and alpha tocopherol which contribute to the superior free radical scavenging and lipid protection. It is very low in saturated fat. The level of polyunsaturated fat (PUFA) at 90% and more is extraordinarily high. PUFAs may act as mediators for nervous, endocrine and immune systems by different mechanisms including alteration of membrane structure, influence on gene expression and alteration of prostaglandin production. Black raspberry seed oil is valuable for medicinal and skin applications. Pre clinical research at the University of Minnesota Medical school demonstrates it supports a healthy immune system. It has anti inflammatory and anti microbial properties.

Antioxidants as measured by ORAC 52.3umoleTE/g

Fatty Acid Composition

Palmitic Acid	1.2 - 1.7%
Stearic Acid	.8%
Oleic Acid	6.1 - 7.7%
Linoleic Acid	56 - 58%
Linolenic Acid	35 - 40%
Saturated Fat	1.2 - 1.6%
Monounsaturated Fat	6 - 9%
Polyunsaturated Fat	85 - 90%
Omega -3 Fatty Acid (Polyunsaturated Fat)	33 - 37%
Linolenic Acid C18.3	
Omega - 6 Fatty Acid (Polyunsaturated Fat)	54% - 58%
Linoleic Acid C18.2	

Vitamin E

Alpha tocopherol	8.3mg/100g
Gamma tocopherol	16.3mg/100g
Total tocopherol	26.2mg/100g
Beta tocotrienol	2.4mg/100g
Gamma tocotrienol	3.1mg/100g

