

Blueberry Seed Oil

(*Vaccinium macrocarpon*)

NatureFRESH-Cold Pressed

Blueberry seed oil is a good source of omega 3 fatty acids and antioxidants like vitamin E. It has the rich aroma of blueberry pie. It is suitable for nutraceutical, skin and personal care products.

.Blueberry seed oil is rich in polyunsaturated fatty acids including omega 3 and omega 6..It has a good level of antioxidants including Vitamin E in the form of alpha and gamma tocopherol and alpha and gamma tocotrienol. It also contains zeaxanthin, the antioxidant valuable for eye health.

Sterol Assay

Campesterol	20 -30 mg/100g
Stigmasterol	8-12 mg/100g
Beta Sitosterol	220-400mg/100g

Fatty Acid Profile

	% by weight
Palmitic	5.0 to 8.0
Stearic acid	1.0 to 2.0
Oleic acid	20.0 to 25.0
Linoleic acid	35.0 to 45.0
Linolenic acid (alpha)	22.0 to 35.0
Eicosenoic	0.2 to 1.0

Fatty Acid Distribution

Saturated Fat	Monounsaturated Fat	Polyunsaturated Fat
5.0 t0 9.0%	20.0 to25.0%	65.0 to 70.0%

Vitamin E

Alpha Tocotrienol	21mg/100g
Beta Tocotrienol	1mg/100g
Gamma Tocotrienol	200mg/100g
Alpha Tocopherol	6mg/100g
Gamma Tocopherol	8mg/100g

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Storage Cranberry seed oil has good oxidative stability. For best shelf life, store in dark, cool environment away from heat, light and odor.