BioChemica INTERNATIONAL

Camelina Oil (Gold of Pleasure)

(INCI = Camelina Sativa Seed Oil)

Camelina Oil (commonly known as Gold of Pleasure) is a cold pressed oil from the seeds of the cruciferous annual plant Camelina Sativa. It is also called false flax since it is often found growing wild amoungst flax. Camelina Oil is a very rich source of Polyunsaturated Fatty Acids (PUFA's) which makes it an excellent choice for nutraceutical use. Due to its high EFA (essential fatty acid) and linoleic acid content, Camelina Oil has very good effects on the skin, acting as an anti-age and emollient agent to improve skin elasticity and suppleness. May be used in cosmetics, toiletries, soaps, OTC pharmaceuticals, sun care and nutraceuticals.

Suggested Use Levels: Lotions & Creams 1-5% | Balms: 2-7% | Bar Soaps: 2-7%
Nutraceuticals: up to 100%

SPECIFICATION	TYPICAL RESULT
Iodine Value (CALC)	140 - 160
Free Fatty Acid Content (% as Oleic)	2.0 max
Color (Lovibond 5" Cell)	</=15 Y, </= 5 R
Peroxide Value	10.0 max

FATTY ACID PROFILE (Typical Results)

Palmitic	C16:0	4.0 - 6.0
Palmitoleic	C16:1	Trace - 1.0
Stearic	C18:0	1.0 - 3.0
Oleic Acid	C18:1	10 - 14
Linoleic	C18:2	14 - 17
Linolenic	C18:3	35 - 50
Arachidic	C20:0	0.5 - 2.0
Gadoleic	C20:1	12 - 17

The water content of Camelina Oil is below the required level to support the growth of micro organisms. Therefore, microbilogical tests are not deemed applicable.

Store in air-tight container in cool, dark location to avoid air and light exposure.

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