

Material Specification Jojoba Oil Organic

Material Supplier: Statfold Seed Oil Ltd
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Trade Name: Jojoba Oil Organic **INCI Name:** *Simmondsia Chinensis (Jojoba) Seed Oil*
CAS No: 90045-98-0 **EC No:** 289-964-3
Country of Origin: Peru (Seed) **Country of Manufacture:** Panama
Shelf Life: 24 months **Organic Licence No:** P6017



Description:

The fixed oil expressed or extracted from seeds of the desert shrub, Jojoba, *Simmondsia Chinensis*, *Buxaceae*. For Cosmetic use only.

ANALYTICAL DETAILS	UNIT	RANGE	TYPICAL RESULT
Appearance	Organoleptic	Oily liquid at ambient temperature, turning waxy then solid at temperatures below 10°C	Conforms
Colour	Organoleptic	Yellow to golden yellow	Conforms
Odour	Organoleptic	Characteristic	Conforms
Refractive Index @ 40°C	-	1.450 – 1.470	Conforms
Specific Gravity @ 25°C	kg / L	0.860 – 0.870	Conforms
Acid Value	mg KOH/g	≤ 1.0	Conforms
Free Fatty Acid (as Oleic)	%	≤ 0.5	Conforms
Peroxide Value	meq O ₂ /kg	≤ 5.0	Conforms
Saponification Value	mg KOH/g	88 - 96	Conforms
Iodine Value	g / 100g	80 - 90	Conforms
Flash Point (Closed Cup)	°C	295°C	Conforms

TYPE	Acid NAME	UNIT	RANGE	TYPICAL RESULT
C16:0	Palmitic	%	≤ 3.0	Conforms
C16:1	Palmitoleic	%	≤ 1.0	Conforms
C18:1	Oleic	%	5 – 15	Conforms
C20:1	Gadoleic	%	65 – 80	Conforms
C22:0	Behenic	%	≤ 1.0	Conforms
C22:1	Erucic	%	10 – 20	Conforms
C24:1	Nervonic	%	≤ 3.0	Conforms

Storage: Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

Shelf Life: The shelf life is two years if unopened. Once opened the shelf life of the oil is limited by temperature, light and oxygen exposure. Any remaining oil should be blanketed with nitrogen and used as soon as possible.