

Material Specification Almond Oil Organic

Material Supplier: Statfold Seed Oil Ltd
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Trade Name: Almond Oil Organic **Inci Name:** *Prunus Amygdalus Dulcis*
Cas No: 8007-69-0 / 90320-37-9 **Einecs No:** 291-063-5
Country of Origin: EU &/or USA **Country of Manufacture:** EU
Shelf Life: 24 months, unopened **Organic Licence No:** P6017



Description:

The fixed oil obtained by mechanically cold pressing the ripe seed kernel of the Sweet Almond Tree, *Prunus amygdalus var. dulcis*, *Rosaceae*. The oil is then filtered and fully refined. This product is suitable for food use.

Produced from seeds from one or more of the above countries.

ANALYTICAL DETAILS	UNITS	RANGE	TYPICAL RESULT
Appearance	Organoleptic	Mobile oily clear liquid	Conforms
Colour	Organoleptic	Pale yellow	Conforms
Odour	Organoleptic	Characteristic	Conforms
Relative Density @ 20°C	g/ml	0.910 – 0.920	Conforms
Acid Value	mgKOH/g	≤ 1.0	Conforms
Peroxide Value	meqO ₂ /kg	≤ 5.0	Conforms
Saponification Value	mgKOH/g	180 – 200	Conforms
Unsaponifiable Matter	%	≤ 1.0	Conforms
Absorbance	K 264-276nm	0.2 – 6.0	Conforms

TYPE	Acid NAME	UNITS	RANGE	TYPICAL RESULT
C16:0	Palmitic	%	4 – 9	Conforms
C16:1	Palmitoleic	%	≤ 0.8	Conforms
C17:0	Margaric	%	≤ 0.2	Conforms
C18:0	Stearic	%	≤ 3.0	Conforms
C18:1	Oleic	%	62 – 86	Conforms
C18:2	Linoleic	%	20 – 30	Conforms
C18:3	Alpha linolenic	%	≤ 0.5	Conforms
C20:0	Arachidic	%	≤ 0.2	Conforms
C20:1	Icosenoic	%	≤ 0.3	Conforms
C22:0	Behenic	%	≤ 0.2	Conforms
C22:1	Erucic	%	≤ 0.1	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.