

**Certified as 100% organic by Ecocert Greenlife according to COSMOS standard available at <http://COSMOS.ecocert.com>**

Natural oil obtained from Hemp seeds (*Cannabis Sativa*) by mechanical cold pressing and filtering only. Clear bright yellow to greenish oil, typical in taste and smell. Natural oil free of antioxidants, colorants, colorings, flavorings, foreign substances, preservatives, solvents or stabilizers. This oil is produced from organically grown seeds.

Ingredients	Hemp seed ( <i>Cannabis Sativa</i> )
INCI	Cannabis Sativa Seed Oil
Cas#	89958-21-4
EC#	289-644-3
Antioxidants	No antioxidants are added to the oil. At customer demand, it can be stabilized with Tocopherols

#### REGULATION

Product offered according to:

- Product offered in accordance with REGULATION (EC) No 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 November 2009 on cosmetic products.
- Regulation (EC) N° 178/2002 of the European Parliament and of the Council laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety.

#### PROPERTIES AND APPLICATIONS

Cosmetics	Emollient Skin conditioning
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#### PSYCHOCHEMICAL

Moisture	≤ 0.1 %
Acid Value	≤ 4.0 mg KOH/g
Peroxide Value	≤ 8.0 meq/Kg
Anisidine value*	≤ 15.0
Totox value	≤ 30.0
Saponification Value*	188 – 194 mg KOH/g
Unsaponifiable matter*	≤ 2.5 %
Refractive Index 20°C*	1.470 - 1.482
Specific Gravity 20/20°C*	0.923 – 0.930 g/ml
Iodine Value	130.0 – 150.0
Colour	≤ 18 Gardner

#### MICROBIOLOGY

Total Viable count**	≤1000 ufc/g
Yeast & moulds **	≤100 ufc/ml
Salmonella**	No detectable ufc/25g
Staphylococcus aureus**	No detectable ufc/ml
E. Coli**	No detectable ufc/ml

#### FATTY ACIDS

Saturated fatty acids of chain length less than C16	≤ 0.3 %
C 16:0 Palmitic	4.0 – 8.0 %
C 18:0 Stearic	1.0 – 4.0 %
C 18:1 Oleic	5.0 – 20.0 %
C 18:2 Linoleic	46.0 – 65.0 %
C 18:3 Alpha Linolenic	14.0 – 28.0 %
C18:3 Gamma Linolenic	≤ 5.0 %
Others	≤ 3,0 %

#### HANDLING

Packaging	Metal drums 25 Kg – 200Kg
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Technical Data Sheet

HEMP SEED OIL  
 Virgin – ORGANIC

QMR-TDS-CSO\_vir-ORG



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Storage	Store in a cool and dry place, in original sealed packaging away from sources of light, heat or air. After use, seal hermetically to avoid oxidation.
Shelf Life	At least 24 months under the above storage conditions.

**ADDITIONAL**

Natural product coming from vegetable origin and does not get in contact with any animal material during manufacturing, storage and transportation. The product is GMO free and therefore not subject to the requirements of regulation (EC) 1829/2003 and regulation (EC) 1830/2003. No irradiated materials were used; nor ionizing ones. The product itself was not irradiated. The product is in accordance with the corresponding European Regulation on pesticides and contaminants for this product.

*\* These parameters are tested 3 times a year on a random batch / \*\* These parameter are tested annually on a random batch*

Q'omer BioActive Ingredients, Sociedad Limitada. Inscrita en el tomo 9703, folio 63, inscripción 1 con hoja V-156462 del Registro Mercantil de Valencia – España  
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Formato de Certificado de Análisis  
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