

Certified as "100% organic content" by Ecocert Greenlife according to the standard COSMOS available at <http://COSMOS-standard.org>

<b>DESCRIPTION</b>	Oil obtained from evening primrose seeds ( <i>Oenothera biennis</i> ) by mechanical cold pressed, filtered. Oil of clear bright yellow to greenish color and clean. Natural organic product, free of flavorings, artificial colors, stabilizers or flavors.		
Ingredients	Evening Primrose seed ( <i>Oenothera biennis</i> )		
INCI	Oenothera Biennis Oil		
CAS#	90028-66-3		
EC#	289-859-2		
<b>REGULATION</b>			
The product corresponds to the requirements of:			
<ul style="list-style-type: none"> <li>* Council Regulation (EC) No 834/2007 of 28 June 2007 on organic production and labelling of organic products and repealing Regulation (EEC) No 2092/91.</li> <li>* Commission Regulation (EC) No 889/2008 of 5 September 2008 laying down detailed rules for the implementation of Council Regulation (EC) No 834/2007 on organic production and labelling of organic products with regard to organic production, labelling and control.</li> <li>* Commission Regulation (EC) No 1235/2008 of 8 December 2008 laying down detailed rules for implementation of Council Regulation (EC) No 834/2007 as regards the arrangements for imports of organic products from third countries.</li> <li>* Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products.</li> </ul>			
The Q'omer <sup>®</sup> Ingredients are in line with the legal framework of many countries but without prejudice to additional legal provisions that might exist in some other countries.			
<b>PROPERTIES AND APPLICATIONS</b>			
COSMETICS	Skin Conditioning Emollient		
<b>PHYSICOCHEMICAL</b>		<b>MICROBIOLOGY</b>	
C18:3 Gamma Linolenic	≥ 9.0 %	Total plate*	< 1000 ufc/g
Moisture	≤ 0.1%	Moulds and yeasts*	< 100 ufc/ml
Acid value	≤ 4.0 mg KOH /g	E. Coli*	ND /ml
Peroxide value	≤ 8.0meq/ Kg	Salmonela*	ND/25g
Refractive index (20°C)**	1.476 -1.482 %	Staphylococcus aureus*	ND /ml
Saponification value **	180.0 - 195.0mg KOH/g		
Unsaponifiable matter**	≤ 2.0 %		
Specific Density (20°C)**	0.921 - 0.931 g/ml		
Anisidin value	≤ 15.0		
Totox value	≤ 25.0		
Color	≤ 12.0 Gardner		
<b>FATTY ACIDS</b>			
Saturated fatty acids of chain length less than C16			0.3 %
C16:0 Palmitic acid			5.0-7.0 %
C18:0 Stearic acid			1.0-3.0 %
C18:1 Oleic acid			5.0-10.0 %
C18:2 Linoleic acid			68.0-76.0 %
Others			1.0-3.0 %
<b>HEAVY METALS</b>			
Arsenic*			< 0.1 mg/kg
Cadmium*			< 0.05 mg/kg
Lead*			< 0.1 mg/kg
Mercury*			< 0.05 mg/kg



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Technical Data Sheet

**EVENING PRIMROSE**  
**GLA 9%**  
**VIRGIN**  
Organic Certified



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<b>CONTAMINANTS</b>	
Benzo (a) Pyrene*	< 2.0 %
Sum of B(a)P, B(a)A, B(b)F, chrysene *	< 10.0%
Sum of dioxins and furans (as WHO-PCDD/F-TEQ/g)*	< 0.75 pg/g
Sum of dioxins, furans, dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ/g)*	< 1.25 pg/g
PCB's (Sum 28, 52, 101, 138, 153, 180) (Total 6 DIN-PCB)*	< 40 ng/g
<b>HANDLING</b>	
Packaging	IBC's net weight 900 kg   25 & 190 kg Metal drums   5, 10 & 25 kg HDPE containers   Consumer packaging (10 ml - 1000 ml) available. Net content and packing method will be specified in the sales contract.
Storage	Store in a cool, dry place between 5°C and 25°C, in original sealed packaging away from sources of light, heat or air. After use, seal hermetically to avoid oxidation.
Shelf Life	At least 18 months under the above storage conditions. If packed in HDPE containers best use within 6 months from packing date. The oil is packed under nitrogen, once opened use content quickly. When taking material fill the drum again with nitrogen and close the drum airtight to avoid oxidation.
<b>ADDITIONAL</b>	
Free of allergens: In accordance with Regulation (EU) No1169/2011 on food information provided to the consumer. Substances or products that cause allergies or intolerances (Annex II). Product of purely plant origin and does not get in contact with any animal material during manufacturing, storage and transportation. GMO-free product and, therefore, is not subject to the requirements of Regulation (EC) 1829/2003, or Regulation (EC) 1830/2003. No irradiated materials are used, nor has the product itself been irradiated.	

\* These parameters are tested annually on a random batch

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

Empresa



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**bioval**

CLÚSTER BIO COMUNIDAD VALENCIANA

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