

<b>DESCRIPTION</b>	Oil obtained by cold mechanical pressing from organic evening primrose seeds ( <i>Oenothera biennis</i> ), filtration and refining to eliminate smell and odour. Oil of clear bright yellow to greenish colour of typical taste and smell. Natural organic product, free of flavorings, artificial colors, stabilizers or flavors.		
<b>INGREDIENTS</b>	Evening Primrose seed ( <i>Oenothera biennis</i> )		
<b>INCI</b>	Oenothera Biennis Oil		
<b>CAS#</b>	90028-66-3		
<b>EC#</b>	289-859-2		
<b>REGULATION</b>			
The product corresponds to the requirements of:			
<ul style="list-style-type: none"> <li>* COSMOS-standard. Standard for natural and organic products.</li> <li>* Regulation (EC) No. 1223/2009 of the European Parliament and of the Council on cosmetic products.</li> <li>* Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the registration, evaluation, authorization and restriction of chemical substances and preparations (REACH).</li> <li>* Regulation (EU) No. 655/2013 of the Commission laying down common criteria for the justification of claims used in relation to 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>			
<b>COSMETICS</b>	Skin Conditioning Emollient		
<b>PHYSICOCHEMICAL</b>		<b>MICROBIOLOGY</b>	
C18:3 Gamma Linolenic	≥ 9.0 %	Total plate*	< 1000 ufc/g
C18:3 Gamma Linolenic	≥ 80.0 mg/g as TG	Moulds and yeasts*	< 100 ufc/ml
Moisture	≤ 0.1 %	E. Coli*	< ND/ml
Acid Value	≤ 4.0 mg KOH /g	Salmonela*	< ND/25g
Peroxide Value	≤ 3.0 meq / Kg	Staphylococcus aureus*	< ND/ml
Iodine Value**	145.0 – 165.0		
Saponification Value**	180.0 – 195.0 mg KOH /g		
Unsaponifiable Matter**	≤ 2.0 %		
Refractive Index**	1.476 – 1.482		
Specific Gravity**	0.921 – 0.931 g/ml		
Colour	≤ 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 %
C18:1 Cis-Vaccenic Acid			≤ 1.0 %
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%**  
**REFINED**  
Organic Certified



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

CONTAMINANTS	
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
HANDLING	
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	The oil has a best use date of 18 months in the original packing. 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.
ADDITIONAL	
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

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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Certified



This company meets the highest standards of social and environmental impact



**bioval**

CLÚSTER BIO COMUNIDAD VALENCIANA

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