

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

Natural oil extracted from the seeds of Borage (*Borago Officinalis*) 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	Boage (<i>Borago Officinalis</i>) seeds.		
INCI	Borago Officinalis Seed Oil		
CAS #	225234-12-8		
REGULATION			
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.			
PROPERTIES AND APPLICATIONS			
Cosmetics	Emollient Skin conditioning		
PYSICOCHEMICAL		MICROBIOLOGY	
Moisture	≤ 0.1 %	Total Viable count**	≤1000 ufc/g
Acid Value	≤ 4.0 mg KOH/g	Yeast & moulds **	≤100 ufc/ml
Peroxide Value	≤ 8.0 meq/Kg	Salmonella**	No detectable ufc/25g
Anisidine value*	≤ 15.0	Staphylococcus aureus**	No detectable ufc/ml
Totox value	≤ 25.0	E. Coli**	No detectable ufc/ml
Saponification Value*	185 – 195 mg KOH/g		
Unsaponifiable matter*	≤ 1.5 %		
Refractive Index 20°C*	1.470 - 1.480		
Specific Gravity 20/20°C*	0,910 – 0,925 g/ml		
Iodine Value	130.0 – 150.0		
Colour	≤ 12 Gardner		
FATTY ACIDS			
Saturated fatty acids of chain length less than C16	≤ 0.3 %		
C 16:0 Palmitic	9.0 – 12.0 %		
C16:1 Palmitoleic	≤ 0.6%		
C 18:0 Stearic	3,0 – 5.0 %		
C 18:1 Oleic	15.0 – 20.0 %		
C 18:1 Cis-vaccenic	≤ 2,0%		
C 18:2 Linoleic	35.0 – 39.0 %		
C 18:3 Alpha Linolenic	≤ 0.5 %		
C18:3 Gamma Linolenic	> 20 A%		
C18:3 Gamma Linolenic	> 185.0 mg/g as TG		
C 20:0 Arachidic	≤ 0.5 %		
C20:1 Icosenoic (spec to confirm identity Borage Oil)	3.9 – 4.3 %		
C22:1 Docosenoic (spec to confirm identity Borage Oil)	2.4 – 2.7 %		
C24:1 Tetracosenoic (spec to confirm identity Borage Oil)	1.4 – 1.7 %		
Others	≤ 3,0 %		
HANDLING			
Packaging	Metal drums 25 Kg – 200Kg		



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Technical Data Sheet

BORAGE OIL
Virgin – ORGANIC

QMR-TDS-BOO_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
 NIF B-98583354 | RGSEAA 40.053273/V | Reg. Importadores 46/1/00788



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Formato de Certificado de Análisis
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