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| DESCRIPTION | Natural oil extracted from borage seed (<i>Borago Officinalis</i>) by mechanical cold pressing and filtered. Clear bright yellow to greenish oil, typical in smell and taste. Natural oil free of antioxidants, colorants, flavors, foreign substances, preservatives, solvents or stabilizers. | | |
| INGREDIENTS | Borage Seed (<i>Borago Officinalis</i>) | | |
| INCI | BORAGO OFFICINALIS SEED OIL | | |
| CAS# | 225234-12-8 | | |
| REGULATION | | | |
| The product corresponds to the requirements of Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products. The Q'omer® 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. | | | |
| PROPERTIES AND APPLICATIONS | | | |
| COSMETICS | Emollient Skin conditioning | | |
| PHYSICOCHEMICAL | | MICROBIOLOGY | |
| C18:3 Gamma Linolenic | ≥ 20.0 % | Total count* | ≤ 1000 ufc/g |
| C18:3 Gamma Linolenic | ≥ 185 mg/g as TG | Yeast & moulds* | ≤ 100 ufc/ml |
| Moisture | ≤ 0.1 % | E. Coli * | ND ufc/ml |
| Acid value | ≤ 4.0 mg KOH /g | Salmonella* | ND ufc/25g |
| Peroxide value | ≤ 8.0 meq / Kg | Staphylococcus aureus* | ND ufc/ml |
| Iodine value | 130.0 – 150.0 g / 100g | | |
| Saponification value** | 185.0 – 195.0 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 | | |
| Colour | ≤ 12.0 Gardner | | |
| Anisidine value | ≤ 15.0 % | | |
| Totox value | ≤ 25.0 % | | |
| FATTY ACIDS | | | |
| Saturated fatty acids of chain length less than C16 | | | ≤ 0.3 % |
| C16:0 Palmitic acid | | | 9.0 – 12.0 % |
| C16:1 Palmitoleic acid | | | ≤ 0.6 % |
| C18:0 Stearic acid | | | 3.0 – 5.5 % |
| C18:1 Oleic acid | | | 15.0 – 20.0 % |
| C18:1 Cis-Vaccenic acid | | | ≤ 2.0 % |
| C18:2 Linoleic acid | | | 35.0 – 39.0 % |
| C18:3 Alpha Linoleic acid | | | ≤ 0.5 % |
| C20:0 Arachidic acid | | | ≤ 0.5 % |
| C20:1 Icosenoic acid | | | 3.8 – 4.4 % |
| C22:1 Docosenoic acid | | | 2.3– 2.8 % |
| C24:1 Tetracosenoic acid | | | 1.3 – 1.8 % |
| Others | | | ≤ 3.0 % |

| STEROLS | |
|---|--|
| Brassicasterol* | ≤ 0.3 % |
| 24-Methylene cholesterol* | 9.0 – 20.0 % |
| Campesterol* | 26.0 – 32.0 % |
| Stigmasterol* | ≤ 2.2 % |
| β-sitosterol* | 20.0 – 29.0 % |
| Sitostanol* | ≤ 0.6 % |
| Δ-5-avenasterol* | 6.0 – 24.0 % |
| Δ-7-stigmasterol* | ≤ 0.8 % |
| Δ-7-avenasterol* | ≤ 1.0 % |
| HEAVY METALS | |
| Lead* | ≤ 0.1 mg/kg |
| Cadmium* | ≤ 0.05 mg/kg |
| Mercury* | ≤ 0.05 mg/kg |
| Arsenic* | ≤ 0.1 mg/kg |
| CONTAMINANTS | |
| Benzo (a) Pyrene* | ≤ 1.0 µg/kg |
| Sum of B(a)P, B(a) A, B8b) F, chrysene* | ≤ 10.0 µg/kg |
| Sum of dioxins and furans (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 (Sum28,52,101,138,153,180) (Total 6 DNI-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 |
| Storage | Store in a cool, dry place, 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

Certified



This company meets the highest standards of social and environmental impact



bioval

CLÚSTER BIO COMUNIDAD VALENCIANA

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