

Astaxanthin Blend

Specification Sheet

Description: Astaxanthin derived from haematococcus pluvialis (algae) is a powerful antioxidant, helping protect skin cells from environmental damage, reducing signs of aging, and improves moisture.

CAS: 73398-61-5, 8001-23-8, 472-61-7

INCI Name: Caprylic/capric triglyceride (and) Haematococcus Pluvialis Extract (and) Hydronated Safflower Seed Oil (and) Astaxanthin

Composition: Caprylic/capric triglyceride, Haematococcus Pluvialis Extract, Hydronated Safflower Seed Oil, Astaxanthin

Appearance: Orange to dark red-orange liquid, faint distinctive algae smell.

Benefits:

- Astaxanthin has a strong antioxidant power.
- May neutralize free radicals more effectively than standard vitamins like C and E.
- May fights photoaging, by reducing UV-induced inflammation, redness, and the breakdown of collagen.
- Improves Moisture and barrier function by lowering water loss through the skin to keeping the complexion plump and smooth.
- May reduces wrinkles and elasticity loss by supporting firmer skin and helps soften the appearance of fine lines and age spots over time.

Use: Add as is at the end of formulations. Typical use level: 0.01 - 1%. Higher concentrations may leave a color residue on the skin. For external use only.

Applications: Creams, serums, and skin oils

Solubility: Soluble in oil

Preservation: Preservative free

Storage: Stored in a cool dry area. Avoid light, heat and oxygen

Country of Origin: China

Raw material source: Haematococcus Pluvialis Algae

Manufacture: The Astaxanthin 5% manufacturing process begins with Haematococcus pluvialis powder as the raw material, which is processed to break the cell walls and release the Astaxanthin. The material is then extracted. Following separation, the extract is then refined to obtain purified oil. The refined extract is then blended with Caprylic/Capric Triglyceride to achieve the desired astaxanthin concentration and final formulation.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 1302199099