

## **Microalgae-Based Natural Astaxanthin Empowering Human Nutrition with Sustainable Chinese Excellence**

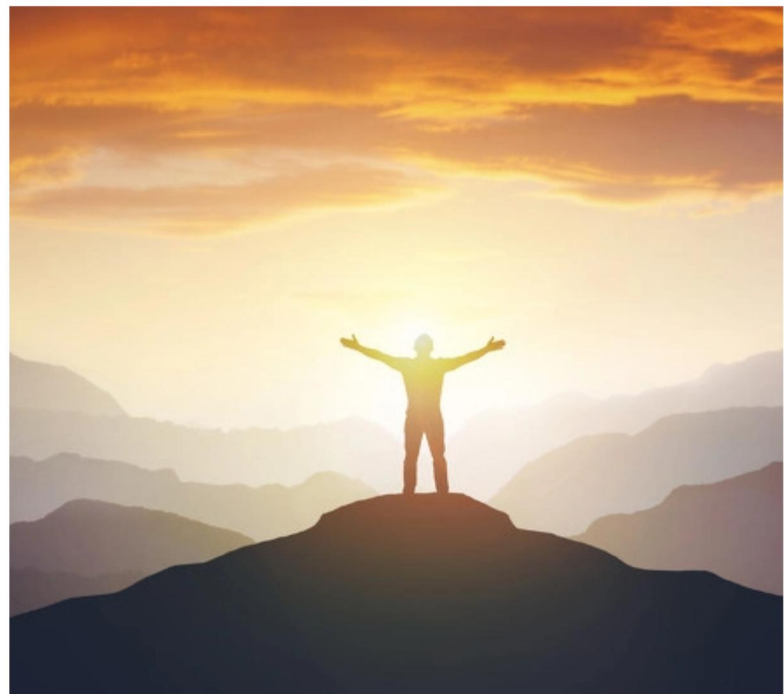
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AstaBiotec® is a leading Chinese brand specializing in natural astaxanthin derived from *Haematococcus pluvialis* microalgae. Utilizing supercritical CO2 extraction and microencapsulation technology, we produce high-purity astaxanthin oils and powders without harsh solvents, ensuring eco-friendly production and exceptional quality. Our sustainability focus includes all-closed system biomass cultivation with controlled environments, minimizing environmental footprint while providing potent antioxidants tailored for human nutrition applications.

### **More Than Antioxidants – Comprehensive Benefits**

Astaxanthin is nature's super antioxidant, up to 600 times stronger than vitamin E. It supports:

- ☑ **Heart and Brain Health:** Reduces oxidative stress for cardiovascular and cognitive protection.
- ☑ **Eye and Skin Vitality:** Enhances UV resistance and visual acuity, promoting youthful appearance.
- ☑ **Immunity and Anti-Stress:** Boosts cellular defense, improving resilience in daily life.



**Eco-friendly, vegetarian source  
from Chinese microalgae, providing  
complete natural nutrition.**

Up to 10% astaxanthin content in oil forms, with customizable microencapsulated options.

**AstaBiotec®** natural astaxanthin is designed for human dietary supplements, supporting **antioxidant defense, eye health, skin protection, and overall wellness**. It serves as a premium ingredient for nutrition-focused products, with potential extensions to functional foods.

We offer **adjustable concentrations** and **forms** to meet your specific formulation needs, such as custom ratios or blends with additional nutrients.



Our products enable potential claims positioned for your plant-based dietary supplements

Product Name and Description	Form	Product Code	Astaxanthin Content	Packing Size (kg)
<b>Natural Astaxanthin Oil 5% (SFE)</b> Astaxanthin oil is extracted by supercritical fluid from Haematococcus pluvialis algae	Liquid	SCO-L5	Min. 5% (50mg/g)	1, 5, 10, 20
<b>Natural Astaxanthin Oil 10% (SFE)</b> Astaxanthin oil is extracted by supercritical fluid from Haematococcus pluvialis algae	Liquid	SCO-L10	Min. 10% (100mg/g)	1, 5, 10, 20
<b>Natural Astaxanthin CWS Powder 1.0%</b> Cold water dispersible, free-flowing powder derived from microalgae containing	Powder	FAWD010-AS	Min. 1% (10mg/g)	1, 5, 20
<b>Natural Astaxanthin CWS Powder 2.50%</b> Cold water dispersible, free-flowing powder derived from microalgae containing	Powder	FAWD025-AS	Min. 2.5% (25mg/g)	1, 5, 20
<b>Natural Astaxanthin CWS Powder 3.0%</b> Cold water dispersible, free-flowing powder derived from microalgae containing	Powder	FAWD030-AS	Min. 3% (30mg/g)	25

\* Main/active ingredient originating from natural materials. May contain formulation ingredients not matching "natural" definition.



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Renewable | Eco-friendly