

## **Algastin® 5% Natural Astaxanthin Oleoresin**

---

**Product Name:** Algastin® 5% Natural Astaxanthin Oleoresin

**Product Code:** AO05

**Description:** Algastin® 5% Astaxanthin Oleoresin is a dark red viscous natural non-solvent supercritical carbon dioxide extract of crushed and spray-dried *Haematococcus pluvialis* microalga. It is used in food supplements, cosmetics and nutraceutical products.

### **Physical Specification:**

**Appearance:** Dark red viscous oil

**Odour:** Characteristic

**Moisture:** ≤ 5% (Karl Fischer)

**Heavy metals:** Complies with Regulation (EC) No 629/2008  
(As, Cd, Hg, Pb)

**Microbial purity:** Complies with Regulation (EC) No 2073/2005

**Solubility:** Soluble in oils. Insoluble in water.

### **Chemical Specification:**

**Astaxanthin:** ≥ 5% (as a free form by NP-HPLC)

**Other Carotenoids:** ≈ 0,1-0,5% (Lutein, Cantaxanthin, β-carotene)

**Other Ingredients:** Antioxidant mixture containing ascorbyl palmitate and natural mixed tocopherols, sunflower oil, sunflower lecithin (added as a processing antioxidants before spray-drying the microalga).

**Stability and Storage:** It is recommended to keep the material in its original packaging stored below +5°C in a dark and dry place. AO05 is stable for at least 48 months from manufacturing date.

**Packaging:** 1 and 5 kg aluminium bottles.

**Safety:** The production process has been carried out according to HACCP concept. All ingredients are natural and GMO free. AO05 does not contain toxins, pesticides and allergens. AO05 is originating from the Czech Republic. It has not been treated with ionizing radiation.

**Registered office:**  
Algamo s.r.o.  
Antala Staska 510/38  
140 00 Prague 4  
Czech Republic

[www.algamo.cz](http://www.algamo.cz)

**Production plant:**  
Algamo s.r.o.  
Mostek 221  
544 75 Mostek  
Czech Republic