

Product Specification

# Natural Astaxanthin Oleoresin(5%, 10%)



The brand you can trust in premium grade  
microalgae raw material and extract

100% Natural, Safe and Hygienic  
Zero Heavy Metals and Pesticide Residue  
Fully Absorbable  
Non-GMO  
Non-irradiated  
Comply with EU Regulations  
No Animal Ingredients  
No Preservative, No Color Additives



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**Product Name**

5%, 10% Natural Astaxanthin Oleoresin

**Country Of Origin**

China

**Package**

1kg aluminum can or 10kg plastic drum

**Storage**

Keep tightly sealed, store in cool and dry place, protecting from light, heat and oxygen. (Recommending temperature: 4℃ below)

**Shelf Life**

Twenty four (24) months when properly stored in original package. Once opened, use as soon as possible. Expiry date is printed on package.

**Description**

AstaKING 5%, 10% natural astaxanthin oleoresin is naturally esterified astaxanthin compound extracted from *Haematococcus pluvialis* by supercritical CO<sub>2</sub> extraction. It is in the form of dark red oil with marine odor. It's usually applied in food additives nutraceutical, cosmetics and pharmaceutical applications.

**Safety**

This product is safe for the intended use. The whole cultivation and production has been carried out in appropriate manufacturing facilities according to HACCP-concept (Regulation No. 852/2004 and No. 853/2004 (EC)). It is produced from toxic-free microalgae *Haematococcus pluvialis*. AstaKING oleoresin (5%, 10% Astaxanthin content) is non-GMO, non-irradiated and contains no animal ingredients.

**Composition**

Natural Astaxanthin: 5%, 10%

**Application**

Pharmaceutical, nutraceutical products, cosmetics, functional drink, functional foods.

**Analytical Specifications**

Comply with Regulation (EC) No.852/2004 and 853/2004, Regulation (EC) No. 629/2008 and (EC) No.2073/2005

**Physical/Chemical Characteristics**

|             |   |
|-------------|---|
| Appearance  | Dark red viscous oil  |
| Odour       | Mild alga   |
| Solubility  | Insoluble in water. Miscible with oils and non-polar solvents |
| Astaxanthin | 5%, 10%   |
| Moisture    | ≤0.5%   |
| Ash         | < 0.2%  |
| Lead(Pb)    | N/D   |
| Mercury(Hg) | N/D   |
| Arsenic(As) | N/D   |
| Cadmium(Cd) | N/D   |

**Microbial Purity**

|                       |              |
|-----------------------|--------------|
| Total Plate Count     | < 1000 CFU/g |
| Yeast & Mold          | < 25 CFU/g   |
| Coliforms             | < 40 CFU/g   |
| Salmonella            | N/D          |
| Shigella              | N/D          |
| Staphylococcus Aureus | N/D          |

**Nutritional Values**

|                                |                   |
|--------------------------------|-------------------|
| Carbohydrates, Total           | 0%                |
| Protein                        | 0%                |
| Energy Value                   | 6.6kcal/g(27kJ/g) |
| Fat, Total                     | 73%               |
| As Saturated Fatty Acids       | 15%               |
| As Polyunsaturated Fatty Acids | 30%               |
| As Monounsaturated Fatty Acids | 24%               |