



## ORYZA OIL & FAT CHEMICAL CO.,LTD.

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### PRODUCT STANDARD

PRODUCT NAME : **ASTAXANTHIN-20C**(COSMETIC)

This product is liquid oil extracted from *Haematococcus pluvialis*. It guarantees a minimum of 20.0 % astaxanthin.

**Appearance** Dark red to brown viscous liquid with light characteristic odor.

**Astaxanthin (Free)** Min. 20.0 % (Spectrophotometry)

#### **Purity Test**

**(1)Heavy Metals (as Pb)** Max. 10 ppm (The Second method of The Japanese Standards of Quasi-Drug Ingredients)

**(2) Arsenic (as As<sub>2</sub>O<sub>3</sub>)** Max. 1 ppm (The Third Method of The Japanese Standards of Quasi-Drug Ingredients)

**Standard Plate Counts** Max. 1×10<sup>2</sup> cfu/g (Analysis for Hygienic Chemists)

**Moulds and Yeasts** Max. 1×10<sup>2</sup> cfu/g (Analysis for Hygienic Chemists)

**Coliforms** Negative (Analysis for Hygienic Chemists)

#### **Composition** (Values are just a guide)

Ingredient	Content
Haematococcus pluvialis Extract	80 %
Astaxanthin	20 %
Rosmarinus Officinalis (Rosemary) Leaf Extract	Less than 0.2 %
Total	100 %

**Expiry date** 2 years from date of manufacturing.

**Storage** Store it at a cool (below 5°C), dry place. Filled with nitrogen. Keep it away from high temperature, high moisture and sunlight, and store it in a closed container.

Established Date	May 23, 2006
Revised Date	October 10, 2023
Specification No.	Z-310EN