



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 As₂O₃) Max. 1 ppm (The Third Method of The Japanese Standards of Quasi-Drug Ingredients)

Standard Plate Counts Max. 1×10² cfu/g (Analysis for Hygienic Chemists)

Moulds and Yeasts Max. 1×10² cfu/g (Analysis for Hygienic Chemists)

Coliforms Negative (Analysis for Hygienic Chemists)

Composition

<u>Ingredient</u>	<u>Content</u>
Haematococcus pluvialis Extract	80 %
Astaxanthin	20 %
<u>Rosmarinus Officinalis (Rosemary) Leaf Extract</u>	<u>Less than 0.2 %</u>
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	November 30, 2019
Specification No.	Y-930EN