



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **ASTAXANTHIN-5** (FOOD)

This product is liquid oil extracted from *Haematococcus pluvialis*. It guarantees a minimum of 5.0 % astaxanthin.

Appearance

Red to dark-red viscous liquid with light unique smell.

Astaxanthin (Free)

Min. 5.0 % (Spectrophotometry)

Purity Test

(1)Heavy Metals (as Pb)

Max. 10 ppm (Sodium Sulfide Colorimetric Method)

(2) Arsenic (as As₂O₃)

Max. 1 ppm (Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)

Standard Plate Counts

Max. 1×10³ 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 (Values are just a guide)</u>
Triglyceride	74 %
Haematococcus Extract	25 %
<u>Mixed Tocopherol</u>	1 %
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	March 23, 2006
Revised Date	October 6, 2023
Specification No.	Z-306EN