



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **ASTAXANTHIN-LSC1**(COSMETIC)

This product is an emulsion liquid of constituents extracted from *Haematococcus pluvialis*. It guarantees a minimum of 1.0 % astaxanthin.

<u>Appearance</u>	Dark-red to brown liquid with characteristic odor.	
<u>Astaxanthin (Free)</u>	Min. 1.0 %	(Spectrophotometry)
<u>Purity Test</u>		
<u>(1)Heavy Metals (as Pb)</u>	Max. 10 ppm	(The Second method of The Japanese Standards of Quasi-Drug Ingredients)
<u>(2) Arsenic (as As₂O₃)</u>	Max. 1 ppm	(The Third Method of The Japanese Standards of Quasi-Drug Ingredients)
<u>Standard Plate Counts</u>	Max. 1×10 ² cfu/g	(Analysis for Hygienic Chemists)
<u>Moulds and Yeasts</u>	Max. 1×10 ² cfu/g	(Analysis for Hygienic Chemists)
<u>Coliforms</u>	Negative	(Analysis for Hygienic Chemists)

<u>Composition</u>	<u>Ingredient</u>	<u>Content</u> (Values are just a guide)
	Glycerin	52.8 %
	Water	14.7 %
	Polyglyceryl-10 Oleate	9.0 %
	Caprylic/Capric Triglyceride	9.0 %
	Haematococcus pluvialis Extract	6.5 %
	Polyglyceryl-10 Stearate	3.0 %
	Lysolecithin	3.0 %
	Astaxanthin	1.0 %
	<u>Tocopherol</u>	1.0 %
	Total	100.0 %

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