



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **FUCOXANTHIN-1CKW** (COSMETIC)

This product is oily liquid extracted with ethanol from kombu (*Laminaria japonica*) or wakame (*Undaria pinnatifida*) and then purified. It contains minimum of 1.0 % fucoxanthin.

<u>Appearance</u>	Reddish brown liquid with light characteristic odor.
<u>Fucoxanthin</u>	Min. 1.0 % (HPLC)
<u>Purity Test</u>	
<u>(1)Heavy Metals (as Pb)</u>	Max. 20 ppm (The Second method of The Japanese Standards of Quasi-Drug Ingredients)
<u>(2)Arsenic (as As₂O₃)</u>	Max. 2 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>
	Caprylic/Capric Triglyceride	95.0 %
	Algae Extract	4.0 %
	Tocopherol	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	September 16, 2015
Revised Date	April 5, 2019
Specification No.	B-905EN