



ORYZA OIL & FAT CHEMICAL CO.,LTD.

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PRODUCT STANDARD

PRODUCT NAME : **FUCOXANTHIN-WSPC0.1KW**(COSMETIC)

This product is a powder extracted with ethanol from kombu (*Laminaria japonica*) or wakame (*Undaria pinnatifida*) and then purified.

It contains minimum of 0.1 % fucoxanthin. This product is water-soluble.

<u>Appearance</u>	Orange to light orange powder with slightly characteristic odor.
<u>Fucoxanthin</u>	Min. 0.1 % (HPLC)
<u>Loss on Drying</u>	Max. 10.0 % (1g, 105 °C, 2 hr)
<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>
	Maltosyl Cyclodextrin	} 96.75 %
	Cyclodextrin	
	Dimaltosyl Cyclodextrin	
	Maltose	
	Caprylic/Capric Triglyceride	2.38 %
	Algae Extract	0.60 %
	<u>Tocopherol</u>	0.27 %
	Total	100.00 %

Expiry date 2 years from date of manufacturing.

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

Established Date	July 9, 2014
Revised Date	June 19, 2018
Specification No.	G-819EN