



## ORYZA OIL & FAT CHEMICAL CO.,LTD.

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### PRODUCT STANDARD

PRODUCT NAME : **FUCOXANTHIN-WSP0.1KW**(FOOD)

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.

<b><u>Appearance</u></b>	Orange to light orange powder with light unique smell.
<b><u>Fucoxanthin</u></b>	Min. 0.1 % (HPLC)
<b><u>Loss on Drying</u></b>	Max. 10.0 % (Analysis for Hygienic Chemists, 1g, 105 °C, 2 hr)
<b><u>Purity Test</u></b>	
<b><u>(1)Heavy Metals (as Pb)</u></b>	Max. 20 ppm (Sodium Sulfide Colorimetric Method)
<b><u>(2) Arsenic (as As<sub>2</sub>O<sub>3</sub>)</u></b>	Max. 2 ppm (Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)
<b><u>Standard Plate Counts</u></b>	Max. 1×10 <sup>3</sup> cfu/g (Analysis for Hygienic Chemists)
<b><u>Moulds and Yeasts</u></b>	Max. 1×10 <sup>2</sup> cfu/g (Analysis for Hygienic Chemists)
<b><u>Coliforms</u></b>	Negative (Analysis for Hygienic Chemists)

<b><u>Composition</u></b>	<b><u>Ingredient</u></b>	<b><u>Content</u></b>
	Cyclodextrin	96.75 %
	Triglyceride	2.38 %
	Seaweed Extract	0.60 %
	<b><u>Mixed Tocopherol</u></b>	<b><u>0.27 %</u></b>
	Total	100.00 %

<b><u>Expiry date</u></b>	2 years from date of manufacturing.
<b><u>Storage</u></b>	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	November 10, 2008
Revised Date	August 20, 2018
Specification No.	Q-820EN