



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

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### PRODUCT STANDARD

PRODUCT NAME : **FUCOXANTHIN-WSP0.1KW**<sub>(FOOD)</sub>

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>		
(1) <b><u>Heavy Metals (as Pb)</u></b>	Max. 20 ppm	(Sodium Sulfide Colorimetric Method)
(2) <b><u>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> (Values are just a guide)
	Cyclodextrin	96.75 %
	Triglyceride	2.38 %
	Seaweed Extract	0.60 %
	<u>Mixed Tocopherol</u>	<u>0.27 %</u>
	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	November 10, 2008
Revised Date	October 1, 2024
Specification No.	Z-401EN