



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

1 Aza Numata Kitagata Kitagata-cho Ichinomiya-city, Aichi-prefecture 493-8001 JAPAN  
Phone:+81-586-86-5141 Facsimile:+81-586-86-6191  
URL/http://www.oryza.co.jp/ E-mail:info@oryza.co.jp

### PRODUCT STANDARD

PRODUCT NAME : **FUCOXANTHIN-5KW**<sub>(FOOD)</sub>

This product is oily liquid extracted with ethanol from kombu (*Laminaria japonica*) or wakame (*Undaria pinnatifida*) and then purified. It contains minimum of 5.0 % fucoxanthin.

<b><u>Appearance</u></b>	Reddish brown liquid with light unique smell.
<b><u>Fucoxanthin</u></b>	Min. 5.0 % (HPLC)
<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> (Values are just a guide)
	Triglyceride                      79.0 %
	Seaweed Extract                20.0 %
	<u>Mixed Tocopherol</u> 1.0 %
	Total                                100.0 %
<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 humidity and sunlight, and store it in a closed container.

Established Date	October 23, 2014
Revised Date	August 27, 2020
Specification No.	Q-027MM