



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-P1KW**_(FOOD)

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

<u>Appearance</u>	Orangey powder with light unique smell.	
<u>Fucoxanthin</u>	Min. 1.0 %	(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	(Sodium Sulfide Colorimetric Method)
<u>(2)Arsenic (as As₂O₃)</u>	Max. 2 ppm	(Standard Methods of Analysis in Food Safety Regulation, The Third Method, Apparatus B)
<u>Standard Plate Counts</u>	Max. 1×10 ³ 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> (Values are just a guide)
	Cyclodextrin	76.00 %
	Triglyceride	18.96 %
	Seaweed Extract	4.80 %
	<u>Mixed Tocopherol</u>	<u>0.24 %</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	September 26, 2015
Revised Date	August 27, 2020
Specification No.	Q-027MM