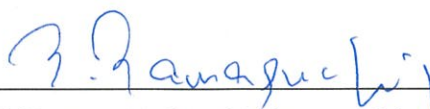


## Product Standard

Date : May 23, 2018

Product Name	Chlorella Extract OD-400
Material	Chlorella Extract
Additive	None
Manufacturing Process	Chlorella Powder → Extraction → Filtration → Concentration → Purification → Decoloring → Adjustment of the content → Filtration → Filling → Retort sterilization → Product
Product Characteristic	Pale yellowish brown to brown, clear liquid with characteristic odor.
Specification Items	Reference of Specification 「Chlorella Extract OD-400」
Caution of Storage and Handling	Before opening: Please keep in cool, dark and dry place. After opening: Use it immediately, and use up a whole quantity.
Packing and Quantity, Display of Lot	Container : Steel Outer : Cardboard Quantity : 9kg Lot.No. : Ex-000000 (It is displayed by the label.)
Shelf Life	1 year (unopened after product)
Important Notice	Druff coming from an ingredient of the chlorella occurs, and solidifies and precipitate. However, it does not influence quality of the product.

Signature:   
Name of Signer: Yoshiyuki Yamaguchi  
Title of Signer: Manager of QA

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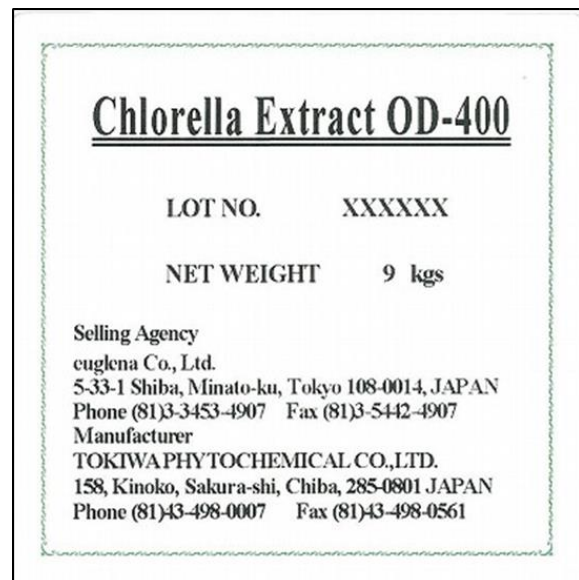
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## Nourishment ingredient indication

### Chlorella Extract OD-400 (Lot No.140130)

(Contents per 100g)	
Moisture	94.8 g
Protein	3.0 g
Fats	Less than 0.1 g
Ash	1.8 g
Carbohydrate	0.4 g
Energy	14 kcal
Sodium	407 mg



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## **Specification of Chlorella Extract OD-400**

Chlorella Extract OD-400 is extracted from chlorella powder with water and its concentration is adjusted with OD value at 260 nm. Its OD value at 260 nm is not less than 400.

**Description** Pale yellowish brown to brown, clear liquid with characteristic odor.

**Residue on evaporation** Not more than 10.0 % (10 g, 105 °C, 15 hours).

**pH** 6.0 ~ 7.0

### **OD value at 260 nm**

Weigh accurately about 1.0 g of Chlorella Extract OD-400 and dissolve in water to make exactly 100 mL. Pipet 10 mL of this solution, and add water to make exactly 100 mL. Determine the absorbance A at the wavelength of maximum absorption at about 260 nm of this solution, using water as the blank.

$$\text{OD value at 260nm} = \frac{A}{\text{Weight of sample (g)}} \times 1000$$

### **Microbiological tests**

- (1) Total aerobic microbial count — Not more than 300 cfu/g.
- (2) Coliforms — Negative.

Test method is according to *Japan's Specifications and Standards for Food Additives*.