# **Product Specification**

# 2% Fucoxanthin Microalgae **Powder**



100% Natural, Safe and Hygienic

Zero Heavy Metals and Pesticide Residue

Fully Absorbable

Non-GMO

Non-irradiated

Comply with EU Regulations

No Animal Ingredients

No Preservative, No Color Additives



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# **Product Name**

Microalgae Powder (2% Fucoxanthin content from a species of Fucus microalgae)

# **Country Of Origin**

China

#### Package

Aluminium foil bag/pot(1kg)

# Storage

Preserved in original containers before open, use as soon as possible after opened, and keep in a cool and dark place ( recommending  $4\text{--}10\,^\circ\text{C}$  ).

# **Shelf Life**

Twenty four (24) months when properly stored ( recommending 4-10  $^{\circ}\mathrm{C}\,$  ). Expiry date is printed on package.

# Description

The product (2% Fucoxanthin content microalgae powder) is a yellow-green powder of cracked diatom biomass with a characteristic of marine odor, which contains more than 2% naturally Fucoxanthin. The product is 100% from microalgae cultivated without additives, cultivation in photobioreactors which are completely sealed.

# Safety

This product is safe for the intended use. The whole cultivation and production has been carried out in appropriate manufacturing facilities according to HACCP-concept (Regulations No. 852/2004 and No. 853/2004 (EC)). It is produced from toxic-free marine diatom. microalgae powder (2% Fucoxanthin content) is Non-GMO, Non-irradiated and no animal ingredients.

# Composition

Natural Fucoxanthin: ≥ 2%

# **Application**

Pharmaceutical, nutraceutical, food additive, cosmetic and functional drink

# Physical/Chemical property

Appearance	yellow-green powder
Moisture	10%Max
Ash	7%Max
Lead(Pb)	N/D
Mercury(Hg)	N/D
Arsenic(As)	N/D
Cadmium(Cd)	N/D
Fucoxanthin	≥ 2%

# **Microbial Purity**

Total Plate Count	<30000cfu/g
Yeast & Mold	<25cfu/g
Coliforms	<30cfu/g
Salmonella	N/D
Shigella	N/D
Staphylococcus Aureus	N/D

# **Nutritional Values**

Carbohydrates, Total	30~40%
Protein	15~25%
Fat	20~35%