

Spirulina Powder

Cat. No. EXTC-121

Lot. No. (See product label)

Introduction

Description

Spirulina belongs to the phylum Cyanophyta, class Cyanophyceae, family Oscillatoriaceae, and genus Spirulina. It is composed of unicellular or multicellular filamentous structures, with a body length of 200-500µm and a width of 5-10µm, arranged in a loose or dense regular spiral pattern, hence the name. Spirulina is an ancient lower prokaryotic unicellular or multicellular aquatic plant that appeared on Earth about 3.5 billion years ago. The blue-green microalgae are distributed on all continents except Antarctica, consisting of 1,500 different types of algae, out of which 36 can be consumed. Currently, large-scale artificial cultivation is carried out both domestically and internationally, mainly including three types: Platensis Spirulina, Maxima Spirulina, and Indian Spirulina, which are edible, non-toxic, and rich in nutrients. Nutrient Composition: 1. Spirulina has a high protein content, reaching 60-70%, with low levels of fat and cellulose. It contains a wide variety of vitamins, including B1, B2, B3, B6, B12, and vitamin E, almost fully concentrating all the vitamins most needed by the human body. 2. Spirulina contains phycocyanin, which has cancer-preventing and cancer-treating effects. 3. Spirulina polysaccharides are the main form of carbohydrates in the algae, with a content as high as 14% to 16% of the dry weight. 4. Spirulina contains all the essential amino acids required by the human body, with lysine content as high as 4%-4.8%, well-balanced composition, and high absorption and utilization rates. 5. Spirulina is rich in minerals needed by the human body, such as calcium, phosphorus, magnesium, iron, sodium, manganese, zinc, potassium, and chlorine, which account for about 9% of the total mineral content in the algae.

Applications

1. Lowering Cholesterol 2. Regulating Blood Sugar 3. Enhancing the Immune System 4. Protecting the Stomach and Intestines 5. Anti-tumor and Cancer Suppression 6. Preventing Hyperlipidemia 7. Antioxidation, Anti-aging, Anti-fatigue 8. Anti-radiation Function 9. Treating Anemia

Product Information

Species	Spirulina platensis
Form	Dark Green Powder
Purity	100%