

Superfoodspirulina:-

Superfoodspirulina is a safe food supplement which has richest protein source with powerful antioxidant and modulate the immune system without side effects. Superfoodspirulina is a microscopic and filamentous cyanobacterium that derives its name from the spiral or helical nature of its filaments. Superfoodspirulina refers to the dried biomass of *Arthrospira platensis*, an osygenic photosynthetic bacterium found worldwide in fresh and marine waters. This alga represents an important staple diet in humans and has been used as a source of protein and vitamin supplement in humans without side-effects. superfoodspirulina now belongs to the substances that are listed by the **US Food and Drug Administration** under the category **Generally Recognized as Safe (GRAS)**. It is relatively easy to cultivate but flourishes only in alkaline lakes with an extremely high pH and in large outdoor ponds under controlled conditions. There are only a few areas worldwide that have the ideal sunny climate for production of alga, including Greece, Japan, India, United States and Spain.

Superfoodspirulina's Safety Clinical Evidence:-

Our Superfoodspirulina has been promoted as "the food of the future" with exceptional constituents that contribute to high energy levels. Superfoodspirulina increases healthy lactobacillus in the intestine, enabling the production of Vitamin B6 that also helps in energy release. Our Superfoodspirulina modulate the immune system by its role in covering nutritional deficiencies. Ramamoorthy and Premakumari in a more recent study administered superfoodspirulina supplements in ischemic heart disease patients and found a reduction in blood cholesterol, triglycerides and LDL cholesterol and an increase in HDL cholesterol. superfoodspirulina is also recommended for diabetic patients.



Superfoodspirulina's Anti Cancer /Antioxidants / Anti Viral Evidence:-

A Combined antioxidant and immune modulation characteristics of superfoodspirulina having possible mechanism of tumor destruction and hence play a role in cancer prevention. There was no rise in the serum concentration of retinal B-carotene despite supplementation and concluded that other constituents within superfoodspirulina is responsible for the anticancer effects.

Millions of people in Bangladesh, India, Taiwan and Chile are consuming high concentration of arsenic through drinking water and are at risk of chronic arsenic poisoning for which there is no specific treatment. A placebo-controlled, double blind

study was conducted to evaluate the effectiveness of superfoodspirulina extract plus zinc in the treatment of chronic arsenic poisoning. 41 patients with chronic arsenic poisoning were randomly treated by either placebo (17 patients) or spirulina extract (250 mg) plus zinc (2mg) (24 patients) twice daily for 16 weeks. Each patient was supplied with arsenic-safe drinking water by installing a locally made water filter at household level. spirulina extract plus zinc was evaluated by comparing changes in skin and hair, between and placebo- and spirulina extract plus zinc-teated groups. Results showed that spirulina extract plus zinc twice daily for 16 weeks are useful for the treatment of chronic arsenic poisoning with melanosis and keratosis. C-phycoerythrin (C-PC) is one of the major biliproteins of superfoodspirulina with antioxidant and radical scavenging properties. It is also known to exhibit anti-inflammatory and anticancer properties.

Superfoodspirulina - Endorsed by:-

	In 1974, UN had announced in the World Food Conference that Spirulina is "THE MOST IDEAL FOOD FOR MANKIND"
	Health Organization (WHO) has called Spirulina as "THE GREATEST FOOD ON EARTH"
	The U.S. NASA has chosen Spirulina for astronauts food in space , and even plan to grow and harvest it in space station in the near future.
	FAO (Food and Agriculture Organization) had declared that Spirulina is "THE BEST FOOD FOR TOMORROW".
	In 1981: FDA (Food and Drug Administration) of USA had certified that Spirulina is "The healthy and safety product free from side effects".





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Superfoodspirulina - Nutrition Chart:-

-  **2.8 x more antioxidants than blueberries**
-  **28 x more beta-carotene than carrots**
-  **39 x more iron than spinach**
-  **6 x more protein than tofu**

Parameter	Values
Fat	6.15 g/100g
Carbohydrates	14.19 g/100g
Protein	65.16 g/100g
Energy	372.7 kcal/100g
Phycocyanin	13.93 g/100g
Calcium (as Ca)	122.19 mg/100g
Iron (as Fe)	63.33 mg/100g
Zinc (as Zn)	12.871 mg/kg
Magnesium (as Mg)	355.61 mg/100g

Superfoodspirulina - Benefits:-

- ★ Enhances immune system
- ★ Richest protein source
- ★ Powerfull antioxidant
- ★ Effects against diabetics & hypertension
- ★ Reduces cholestrol level & Heart diseases
- ★ Protects the liver & kidney cells
- ★ May Reduce Blood Pressure
- ★ Increases anti-virus activity
- ★ Reduces risk of cancer
- ★ Helps weight loss
- ★ Energy booster & Vitality
- ★ Anti-aging

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