



SPIRUproteen®

SPIRULINA : RICH SOURCE OF PROTEIN PHYCOCYANIN



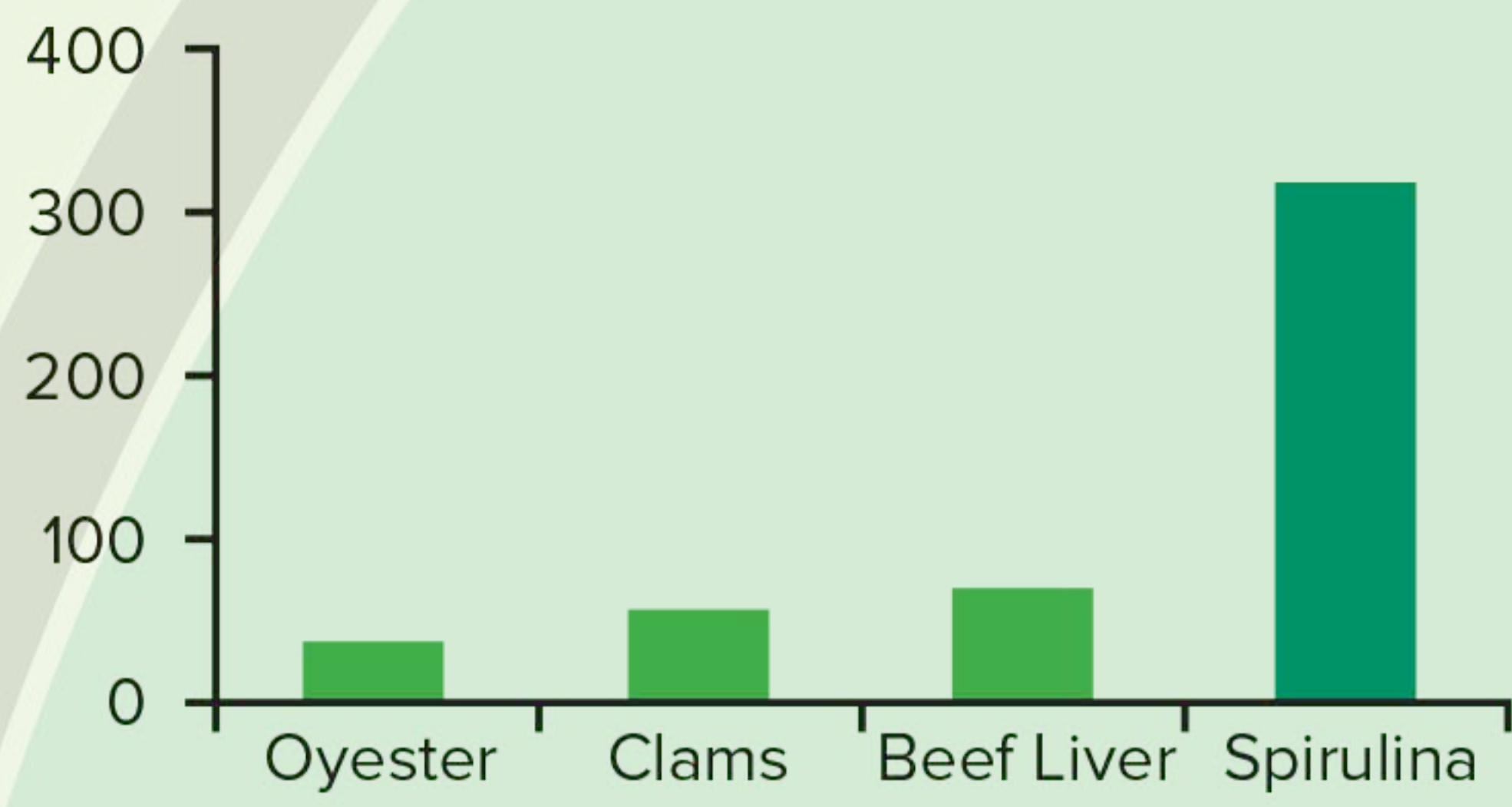
SPIRULINA “SUPER FOOD” A FOOD FOR FUTURE

Spirulina, a blue - green algae, is the richest whole-food source available in nature. It has been consumed by humans since pre-historic times as a source of nutrition. Our Phycocyanin enriched SPIRUproteen® Spirulina perfectly suitable for any dietary plan because it is an extremely digestible, high energy, gluten free, low-calorie, low-fat, natural food containing an incredibly wide range of important nutrients. Our Phycocyanin enriched (NLT 10%) SPIRUproteen® Spirulina is rich in protein, Phycocyanin, vitamins, minerals, and carotenoids. It also contains nutrients, including B complex vitamins, β -carotene, vitamin E, manganese, zinc, copper, iron, selenium, and γ -linolenic acid (GLA), which are required for human body.

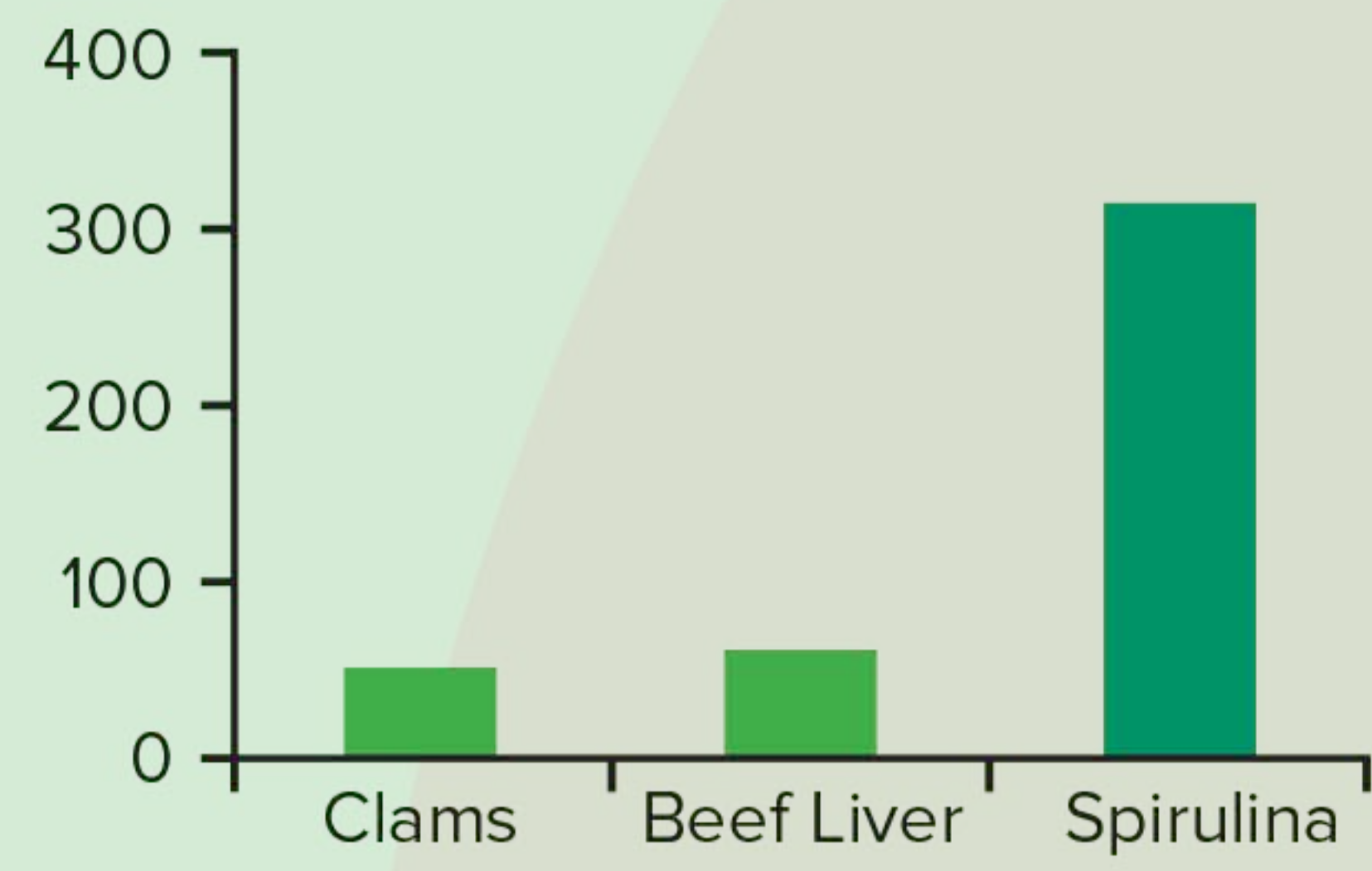
WHY SPIRUproteen® IS A FOOD FOR FUTURE:

- ◆ Spirulina has 58 times more iron than raw spinach.
- ◆ Spirulina contains the highest amount of vegetarian protein.
- ◆ It is a whole food in powder form, not a concentrate, not an extract.
- ◆ It contains 18 amino acids including all 9 essential amino acids required by our body.
- ◆ Phycocyanin enriched SPIRUproteen® Spirulina is the richest source of natural antioxidants.
- ◆ Phycocyanin enriched SPIRUproteen® Spirulina helps in preventing cancer, viral and bacterial infections.

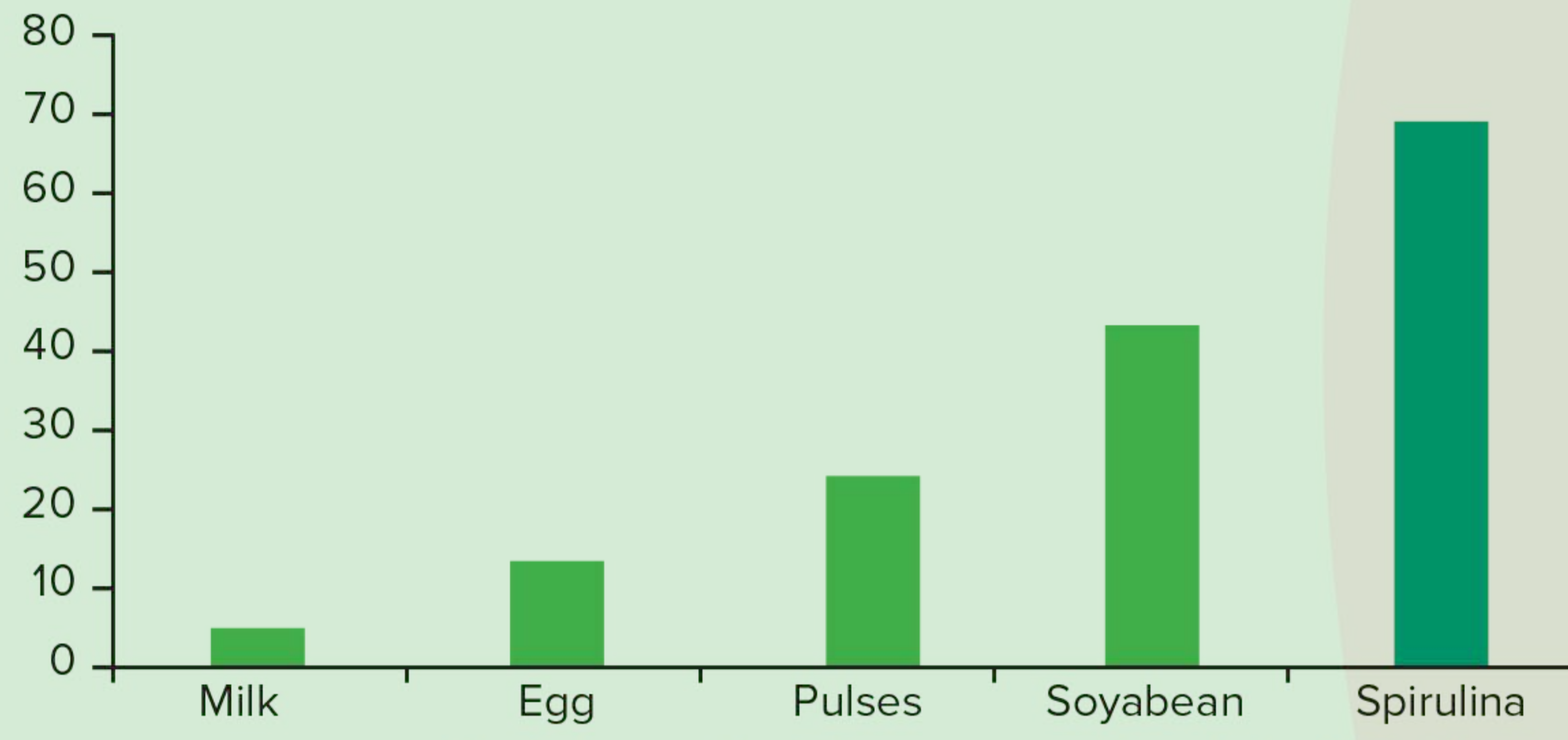
NUTRITIONAL COMPARISON OF SPIRUproteen® SPIRULINA



Best source of Vitamin B12 (mg/100g)



Best source of beta-Carotene (mg/100g)



Protein content in common foods (g/100g)

NUTRITIONAL ANALYSIS (% DRY MATTER) OF SPIRUproteen® Spirulina

COMPOSITION		VITAMINS	
protein	55-65%	Vitamin B1 (Thiamine)	2.5-5.0
Carbohydrates	12-22%	Vitamin B2 (Riboflavin)	4.0-7.0
Fiber	8-10%	Vitamin B3 (Niacin)	3.0-6.0
Minerals	7-10%	Vitamin B6 (Pyrodoxine)	2.0-4.0
Fats	3-5%	Vit. B9 (Folic Acid)	0.05-0.30
		Vit. B12 (Cyanocobalamin)	0.05-0.20
MINERALS	mg/100g	PHYTOPIGMENTS	mg/100g
Calcium	200-400	Total Carotenoids	400-500
Phosphorus	800-1000	Carotenes	160-260
Magnesium	400-800	Xanthophylls	170-240
Iron	60-80	Chlorophyll	100-1500
Sodium	1000-1500	Phycocyanin	10000-15000
Potassium	1300-1600		
FATTY ACIDS	g/100g		
Myristic acid	0.05-0.10		
Palmitic acid	1.0-2.0		
Stearic acid	0.10-0.20		
Oleic acid	0.10-0.20		
Linoleic acid	0.50-0.90		
GLA	1.00-1.50		

HEALTH BENEFITS OF SPIRUproteen® SPIRULINA

Spirulina has been globally acknowledged to provide complete nourishment and high immunity naturally. It is greatly helpful in the following conditions:

ANAEMIA: It contains porphyrin and bio-chelated iron. Porphyrin is a red compound that forms the active nucleus of hemoglobin. Related to this structure is the polypyrrole molecule of B12, which is essential to the formation of healthy red blood cells. Use of SPIRUproteen® Spirulina is most encouraged for expecting and nursing mothers. It increases the milk production in lactating mothers and provides complete nutrition to mother and child.

IMMUNITY: Phycocyanin enriched SPIRUproteen® Spirulina helps to stimulate the immune system to guard against invading disease causing organisms and carcinogens. It reduces post surgery recovery time and offers nutrients in a convenient and easily assimilated form.

DIABETES: SPIRUproteen® Spirulina helps to mitigate the effects of unbalanced nutritional condition in diabetic patients due to their “calorie-cut” diet regime by providing them with high quality proteins, vitamins, minerals. Spirulina possesses hypoglycemic and hypolipidemic properties and reduces insulin resistance. It increases glucose metabolism in Type II diabetic patients and activates pancreatic beta cells for insulin production in Type I diabetic patients.

HYPERTENSION: SPIRUproteen® Spirulina contains high level of potassium and antioxidants, which help in controlling hypertension. It boosts the synthesis of nitric oxide that dilates or widens blood vessels. This in turn improves blood flow and reduces systolic and diastolic pressure.

CHOLESTEROL: SPIRUproteen® Spirulina helps in reducing blood cholesterol levels particularly the LDL type and helps to lower the risk of cardiovascular disease. It improves general health, relieves fatigue, strengthens the spleen, removes phlegm and regulates the blood fat level and keeps the heart healthy.

ANTIAGEING: Antioxidants like Vit-E, SOD and β -carotene present in Spirulina scavenge free radicals that increase the ageing effect.

WHEIGHT MANAGEMENT: SPIRUproteen® Spirulina is the richest natural source of Gamma Linolenic Acid (GLA), an essential amino acid, which helps regulate blood sugar levels. Spirulina also contains phenylalanine which helps to satisfy appetite and prevents craving.

SPIRUproteen® Spirulina provides holistic support to your family by providing complete nutrition, antioxidants and protection from infections by increasing immune function.



GLOBAL RECOGNITION

UNITED NATIONS

The World Food Conference held in Rome, Italy declared Spirulina as the “Best Food for Tomorrow”.

WHO (WORLD HEALTH ORGANIZATION)

WHO has hailed Spirulina as “The Greatest Super Food on Earth” which has all the essential nutrients required for healthy living.

IIMSAM (INTERGOVERNMENTAL INSTITUTION FOR THE USE OF MICRO-ALGAE SPIRULINA AGAINST MALNUTRITION)

IIMSAM works to promote the use of Spirulina to eradicate malnutrition and hunger, worldwide and also provide its to the underprivileged.

Only 3 grams of Spirulina per day can make a substantial difference in a child’s health.

SPACE FOOD

Spirulina has been proposed by both NASA (CELSS) and the European Space Agency (MELISSA) as one of the primary foods to be cultivated during long-term space missions.



WHY SPIRUproteen® SPIRULINA IS A COMPLETE FOOD

Intake of Phycocyanin enriched SPIRUproteen® Spirulina provides all essential ingredients like β -carotene, Iron, GLA, Amino Acids, Chlorophyll and Superoxide Dismutase, which no single fruit or vegetable can provide, when consumed in comparable amounts. It provides a complete nutritional-cum-antioxidant support and guards against viral, bacterial, fungal and other infections by enhancing the immunity.

Sunpure Extracts Private Limited has evolved a frontrunner in botanical extracts and nutraceutical ingredients in India & global platform with a cutting-edge cGMP manufacturing plant spread in pristine pollution-free environment, **Sunpure Research Incubation Centre (SRIC)** has team of dedicated scientists and full spectrum testing facilities. **SRIC** supports company in achieving new bioactives / derivatives along with filing DMFs, Dossiers, patents and working in compliance and tandem with Global Regulatory Bodies.



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* These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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