

California-Grown Spirulina

who can use a California-Grown
superfood to make healthy
product innovations?

you can.

working for you.

SunChemical®

a member of the DIC group



Spirulina Superfood provides exceptionally balanced nutrition

At Sun Chemical, we offer Spirulina (*Arthrospira platensis*) that is sustainably cultivated and manufactured at Earthrise farm in California, U.S. Spirulina provides the most complete and balanced nutrition available for humans. Spirulina is composed mainly of protein (60-70%), providing all the essential amino acids in addition to several non-essential amino acids.

Moreover, Spirulina contains a spectrum of phytochemicals like beta-carotene, mixed carotenoids, phycocyanin, chlorophyll and polysaccharides. Spirulina is widely known as the king of superfoods and is commercially sold as a dietary supplement.

There is increasing usage of spirulina in food and beverage applications in recent years due to increasing consumer demand for vegan, vitamin/mineral fortified, plant protein, dietary fiber and its various health benefits (e.g. immune support*).

Main Nutrient Comparison with Vegetables (per 100g)

Components	Spirulina ^{*1}	Green and Yellow Vegetable ^{*2}	Light-colored Vegetable ^{*2}
Protein (g)	67.5	1.7	0.9
Dietary Fiber (g)	6.1	2.5	1.5
Calcium (mg)	194	58	27
Iron (mg)	49.4	1.1	0.3
Beta-Carotene (mg)	253	2.7	0.1
Vitamin B ₁ (mg)	3.39	0.08	0.04
Vitamin B ₂ (mg)	3.82	0.11	0.03

*1 From component analysis example

*2 Average value of 8 representative vegetables

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

Key attributes and benefits:

- Cultivated and manufactured in California
- Nutritional value of spirulina is about 5 times the protein of eggs, 20 times the beta-Carotene of carrots, and 45 times the amount of iron in spinach
- Fine dark green powder
- Partially soluble in water
- Kosher and Halal certified
- GRAS and Non-GMO Project Verified
- Compliance with California's Proposition 65 and FDA regulations



Applications for Spirulina



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