

SPECIFICATION SHEET

100% Pure All Natural Hawaiian Spirulina Pacifica™ (Fine Powder)
Item # 100000

General Description: Spirulina Pacifica™ is a dried and non-viable product of the common blue-green algae, *Arthrospira platensis* (formerly referred to as *Spirulina platensis*). This species is classified as follows:

Order:	Oscillatoriales
Family:	Cyanobacteria
Genus:	<i>Arthrospira</i>
Species:	<i>platensis</i>

Regulatory Status: Spirulina Pacifica™ is Generally Recognized as Safe (GRAS) by the US FDA for all food, beverage, and supplement applications. It has been FDA-reviewed and allowed as dietary supplement (August 1999). This product is cultivated in a BioSecure Zone and is free of genetically modified organisms and ingredients (non-GMO). Cyanotech Corporation is ISO and NPA-GMP Certified. Spirulina Pacifica™ powder is a non-irradiated Kosher certified natural blue-green algae product containing no additives or pesticides.

Physical Properties: Spirulina Pacifica™ is a free-flowing green to bluish-green powder. It has a mild seaweed odor and is not soluble; it forms a suspension. The Particle size is <125 microns and Bulk Density is >0.48 (g/ml).

Typical Composition:

Protein	>52%
Moisture	<7.0%
Minerals	<14%
Total Carotenoids	5000 mg/kg
Beta Carotene	2250 mg/kg
Zeaxanthin:	3000 mg/kg
C-phycocyanin:	8.0%
Phycocyanin (crude):	17.3%
Vitamin B12:	3000 mcg/kg
Vitamin K1:	20 mg/kg
Vitamin K2:	5 mg/kg

Quality Control:

Total aerobic bacteria	<10 ⁵ cfu/gram
Total coliforms	<10 cfu/gram
<i>E. coli</i>	Negative
Pesticides	Negative
Arsenic	<0.5 ppm
Cadmium	<0.2 ppm
Lead	<0.2 ppm
Mercury	<0.025 ppm
<i>Salmonella</i> :	Negative
<i>Staphylococcus aureus</i> :	Negative

Storage and Shelf Life: Store at room temperature. Stability is maintained for 3 years after date of manufacture in unopened original packaging.

Manufacturer: Cyanotech Corporation, Kailua-Kona, Hawaii, USA

If a limit is not specified typical composition values generally range +/-10% from the stated value per industry standards.
Revision Date: 12/11/2009



ISO 9001:2000 CERTIFIED QUALITY MANAGEMENT SYSTEM

73-4460 Queen Kaahumanu, #102 • Kailua-Kona, HI 96740
Phone: (808) 326-1353 • Fax: (808) 329-3597 • e-mail: info@cyanotech.com

TYPICAL ANALYSIS per 100 grams for SPIRULINA PACIFICA™

100% Pure All Natural Hawaiian Spirulina Pacifica™ Powder

General	Total Calories	333	cal
	Calories from Fat	50	cal
	Total Fat	5	g
	Saturated Fat	2.2	g
	Cholesterol	0	mg
	Total Carbohydrates	16	g
	Dietary Fiber	7	g
	Sugars	0	g
	Protein	67	g
Vitamins	Vit A (as Beta carotene)	375000	IU
	Vitamin C	0	mg
	Vitamin D	0	IU
	Vitamin E	7	IU
	Vitamin K1	2000	mcg
	Vitamin K2	500	mcg
	Thiamin (B1)	117	mcg
	Riboflavin (B2)	4667	mcg
	Niacin (B3)	13333	mcg
	Vitamin B6	1000	mcg
	Folate	200	mcg
	Vitmain B12	300	mcg
	Biotin	<33	mcg
Minerals	Pantothenic Acid	150	mcg
	Calcium	333	mg
	Iron	217	mg
	Phosphorous	1100	mg
	Iodine	500	mcg
	Magnesium	500	mg
	Zinc	3	mg
	Selenium	30	mcg
	Copper	0.7	mg
	Manganese	13	mg
	Chromium	1333	mcg
	Molybdenum	<400	mcg
	Sodium	1000	mg
Carotenoids & Phytonutrients	Potassium	2000	mg
	Gamma Linolenic Acid (GLA)	1067	mg
	Zeaxanthin	300	mg
	Total carotenoids	500	mg
	Chlorophyll	1000	mg
	C-Phycocyanin	8000	mg
Superoxide Dismutase (S.O.D)	36000	units	

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