

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-phycoyanin: | 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 | <0.1 ppm |
| Lead | <0.2 ppm |
| Mercury | <0.035 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: 03/24/2011



ISO 9001:2008 Certified Quality Management System

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