



**CERTIFICATE OF ANALYSIS**

**Spirulina Powder**

Lot Number: 20130915  
 Manufacturing Date: 9/2013  
 Expiration Date: 9/2016

Results Data

<u>Item</u>	<u>Specifications</u>	<u>Test Result</u>
Assay (as Protein):	≥ 60.0%	60.2%
Appearance:	Dark Green Powder	Conforms
Odor:	Characteristic	Conforms
Taste:	Characteristic	Conforms
Particle size:	100% pass thru 80 mesh	Conforms
Total Carotenoids:	≥ 0.2g/100g	0.4g/100g
Chlorophyll:	≥ 0.5g/100g	1.0g/100g
Moisture:	≤ 8.0%	6.7%
Ash:	≤ 8.0%	6.0%
Bulk Density:	0.5 g/ml	Conforms
Lead:	≤ 2.0 ppm	0.35 ppm
Arsenic:	≤ 1.0 ppm	0.3 ppm
Mercury:	≤ 0.1 ppm	0.01 ppm
Cadmium:	≤ 0.1 ppm	0.1 ppm
Pesticides:	Not detected as per USP	Conforms

Microbiological Data

Total Plate Count:	≤ 50,000 cfu/g	Conforms
Yeast & Mold:	≤ 100 cfu/g	Conforms
E.coli:	≤ 10 cfu/g	Conforms
Salmonella:	Negative	Negative
Coliforms:	Negative	Negative

<u>Method of Sterilization:</u>	Heat-treated;	Conforms
	Non-irradiated; Non-ETO	Conforms