

## CERTIFICATE OF ANALYSIS

Product: Spirulina Pacifica™ Powder  
Origin: Kailua-Kona, Hawaii U.S.A.  
Lot #: 1000003729  
Species Name: *Arthrospira platensis*  
Appearance: Green to bluish-green powder

### Specific analysis for this lot

| Quality Measure     | Method      | Specification  | Result       |
|---------------------|-------------|----------------|--------------|
| Aerobic Plate Count | AOAC 990.12 | <100,000 cfu/g | 24,000 cfu/g |
| <i>E. coli</i>      | AOAC 991.14 | Negative       | Negative     |
| Total Coliforms     | AOAC 991.14 | Negative       | Negative     |
| Moisture            | AOAC 935.29 | ≤8.0%          | 4.6%         |
| Minerals            | AOAC 923.03 | ≤15.0%         | 10.4%        |
| C-Phycocyanin       | LP-09       | ≥7.2%          | 8.9%         |
| Crude Phycocyanin   | LP-09       | ≥15.6%         | 19.17%       |
| Beta Carotene       | AL-07       | ≥ 203 mg/100g  | 238 mg/100g  |
| Total Carotenoids   | AL-07       | ≥ 450 mg/100g  | 564 mg/100g  |

### Typical analysis for Spirulina Pacifica™

| Quality Measure  | Method      | Specification | Result   |
|------------------|-------------|---------------|----------|
| Protein          | DUMAS       | 53-64%        | Conforms |
| Arsenic (ICP/MS) | AOAC 993.14 | <0.5 ppm      | Conforms |
| Cadmium (ICP/MS) | AOAC 993.14 | <0.2 ppm      | Conforms |
| Lead (ICP/MS)    | AOAC 993.14 | <0.2 ppm      | Conforms |
| Mercury (ICP/MS) | AOAC 993.14 | <0.025 ppm    | Conforms |
| Pesticides       | FDA (304)   | None Detected | Conforms |

Date Analysis Completed: February 2, 2011

Approved: \_\_\_\_\_

*Colin Edwards*

Date: \_\_\_\_\_

4/19/2011

Colin Edwards, QC Laboratory Technician

Date of Manufacture: January 2011

Date of Expiration: January 2014

Country of Origin and Manufacture: United States of America

Form#QC-01pn Rev#11 07/22/2009



ISO 9001:2000 CERTIFIED QUALITY MANAGEMENT SYSTEM

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