



KLAMATH VALLEY BOTANICALS, LLC
 P.O. BOX 7362 • KLAMATH FALLS, OR 97602
 541-783-3826 • FAX 541-783-3827

Certificate of Analysis

Klamath's Best® Blue Green Algae
 Open Water Fresh Harvested from Klamath Lake, Oregon USA
 CERTIFIED ORGANIC/OTCO 100% USDA ORGANIC/OTCO
 100% VEGAN/VEGAN ACTION CERTIFIED KOSHER/KOFK
 GMO-FREE & GLUTEN-FREE

| | |
|---|-----------------------|
| Klamath's Best® Aphanizomenon flos-aquae | Lot# KVB1501-1 |
| Date of Manufacture | 8/27/09 |
| Date of Expire | 8/27/12 |
| Lot Size | 2966 lbs. |

DESCRIPTION

| | |
|---------------|----------------|
| Appearance | Fine Powder |
| Particle Size | NLT 60 Mesh |
| Color | Dark Green |
| Odor | Characteristic |
| Flavor | Characteristic |
| Purity | 100% |
| Solubility | 100% in Water |
| Process | Freeze Dried |

MICROBIOLOGICAL ANALYSIS

| <u>Standard</u> | <u>Specification Limits</u> | <u>Results</u> | <u>Unit of Measure</u> | <u>Test Method</u> |
|----------------------|-----------------------------|----------------|------------------------|-----------------------------------|
| Standard Plate Count | <100,000 | 2800 | CFU/gm | FDA-BAM 3.01 8 th Ed. |
| Coliform | <100 | <3.6 | CFU/gm | AOAC 991.14 17 th Ed. |
| E. Coli | <10 Negative | <3 | CFU/gm | AOAC 991.14 17 th Ed. |
| Staphylococcus | <10 Negative | <10 Negative | CFU/gm | USP 28 NF23 |
| Salmonella-Bam | <10 Negative | Negative | per 25 gm | USP 28 NF23 |
| Yeast | <500 | <10 | CFU/gm | FDA-BAM 18.02 8 th Ed. |
| Mold | <500 | <10 | CFU/gm | FDA-BAM 18.02 8 th Ed. |
| Moisture | Max. 0 – 7% | 5.21 | %/gm | AOAC 934.06 17 th Ed. |
| Microcystin | <1 ppm | <0.35 | ppm | ELISA ASSAY |

EACH LOT TESTED FOR

| | | | | |
|-----------------|----------------|-------|-----------|---|
| Chlorophyll A | Range .4% - 2% | 535 | mg/100g | AOAC 942.04 17 th Ed. |
| % Carbohydrates | Max 25% | 18.53 | % dry wt. | By Calculation 17 th Ed. AOAC 986.25 |
| % Protein | Max 75% | 60.64 | mg/100g | AOAC 984.13 17 th Ed. |
| % Fat | Range 2 – 8% | 2.53 | % dry wt. | AOAC 920.39 17 th Ed. |
| % Ash | Range 2 – 8% | 6.63 | % dry wt. | AOAC 923.03 17 th Ed. |
| Sodium | * | 183.0 | mg/100g | AOAC 985.01 17 th Ed. |
| Zinc | * | 1.41 | mg/100g | AOAC 990.08 17 th Ed. |


HEAVY METALS

| | | | | |
|--------------|----------|---------------|-----|--------|
| Arsenic (As) | 0.05 ppm | None Detected | ppm | ICP-MS |
| Cadmium (Cd) | 0.05 ppm | <0.05 ppm | ppm | ICP-MS |
| Lead (Pb) | 0.1 ppm | None Detected | ppm | ICP-MS |
| Mercury (Hg) | 0.01 ppm | None Detected | ppm | ICP-MS |

*No specification limit, results vary.

Date Reported: 8/27/09

Signature: _____


 Rick Rottum-Production Manager
 Klamath Valley Botanicals, LLC