PhytoClean™

# PRODUCT SPECIFICATIONS

+1 (604) 337-1586

## PhytoClean™ Algae 6

| | |
|---|---|
| **Product Name** | PhytoClean™ Algae 6 |
| **Botanical Name** | *Fucus Vesiculosus* |
| **Extraction Solvent** | Low Polarity Water |
| **Ingredient** | Whole plant |
| **Biomass Origin** | Canada |
| **Extraction Location** | British Columbia, Canada |

**Description:** PhytoClean™ Algae 6 is a 100% Bladderwrack algae extract standardized to 6% fucoidan and manufactured using the PhytoClean™ Method. PhytoClean™ is Mazza's patented core technology that yields clean ingredients in an earth-friendly manner.

### Sensory Quality

| DESCRIPTION | SPECIFICATION | METHOD |
|---|---|---|
| Aspect | Free flowing powder | Visual |
| Color | Light brown | Visual |
| Flavor | Characteristic | |
| Odor | Characteristic | |

### Analytical Quality

| DESCRIPTION | SPECIFICATION | METHOD |
|---|---|---|
| Fucoidan | ≥ 6% | HPLC |
| Moisture | ≤ 5% | AACC 44-15a |
| Residual Organic Solvents | 0% | USP/NF |
| Mesh Size | 80 mesh | USP |

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## Microbiological Counts

| DESCRIPTION | SPECIFICATION | METHOD |
|---|---|---|
| Total Plate Count | ≤1000 cfu/g | USP 37 <2021> |
| Yeast and Moulds | ≤1000 cfu/g | USP 37 <2021> |
| *Salmonella* | Negative | USP 37 <2022> |
| *Escherichia coli* | Negative | USP 37 <2022> |
| *Staphylococcus aureus* | Negative | USP 37 <2022> |

## Heavy Metals

| DESCRIPTION | SPECIFICATION | METHOD |
|---|---|---|
| Totals | ≤ 5.0 ppm | ICP-MS |
| Arsenic | ≤ 1.0 ppm | ICP-MS |
| Cadmium | ≤ 1.0 ppm | ICP-MS |
| Mercury | ≤ 0.10 ppm | ICP-MS |
| Lead | ≤ 3.0 ppm | ICP-MS |

**Storage Conditions** Store in a tightly sealed container, in a cool room, sheltered from light, moisture, and oxygen (<25°C, <60% RH).

**Quality Statements**

- This ingredient does not contain any Genetically Modified Organisms.
- This ingredient is not treated with ETO or gamma irradiation.
- No organic solvents were used in the production of this ingredient.
- This ingredient does not contain any of the potential allergens and derivatives included in the FDA Food Allergen Labeling and Consumer Protection Act (FALCPA).
- This ingredient qualifies for vegan status. During processing and in the final make-up, no ingredient(s) is (are) added or derived from any animal sources.