

## Phytoplankton Whole Algae Powder

Whole Algae Powder with EPA is a Food Grade powder product from Nannochloropsis sp. This forest green algae powder contains ≥45% protein. It is suitable for food applications supporting strong protein based development.

### Target Specification

| Intended Use<br>Parameter                   | Food<br>Description / Limit   | Test Methods     |
|---|---|------------------|
| Color                                       | Green, Green - Yellow or Yellow   | Sensory          |
| Aroma                                       | Characteristic Marine Essence   | Sensory          |
| Physical Characteristic                     | Free of Foreign Matter, Flowing Fine Powder   | Sensory          |
| Total EPA Omega-3 Content, g/100g           | 5.0-7.5   | GB 5009.168      |
| Total Protein, g/100g                       | ≥ 45  | GB 5009.5        |
| Total Fat, g/100g                           | ≥ 14.0  | GB 5009.6        |
| Moisture, g/100g                            | ≤ 6.0   | GB 5009.3        |
| Ash, g/100g                                 | ≤ 15.0  | GB 5009.4        |
| Chloride (NaCl), g/100g                     | ≤2.0  | GB 5009.44       |
| <b>Environmental Contaminants</b>           |   |                  |
| Lead (Pb),mg/kg                             | ≤ 1.0   | GB 5009.12       |
| Inorganic Arsenic (As),mg/kg                | ≤ 0.4   | GB 5009.11       |
| Mercury (Hg),mg/kg                          | ≤ 0.3   | GB 5009.17       |
| Cadmium (Cd),mg/kg                          | ≤ 0.5   | GB 5009.15       |
| PCB,mg/kg                                   | ≤0.5  | GB 5009.190-2014 |
| Total Plate Count, CFU/g                    | ≤30000  | GB 4789.2        |
| Yeasts and Moulds, CFU/g                    | ≤50   | GB 4789.15       |
| Enumeration of Coliforms, MPN/g             | ≤ 0.92  | GB 4789.3-2016   |
| <i>Salmonella</i> , CFU/25g                 | ND  | GB 4789.4        |
| <i>Staphylococcus aureus</i> , CFU/25g      | ND  | GB 4789.10       |
| <b>Storage</b>                              | Product is sensitive to light, heat, oxygen and moisture.<br>Store in original sealed container |                  |
| <b>Shelf Life</b>                           | 24Months at 0°C - 10°C. Retest after 12 months.   |                  |
| <b>Pack Size</b>                            | 20kg PE+Craft Paper Poly Lined Sewn Bag<br>5kg Vacuum Sealed Aluminum Foil Poly Bag             |                  |
| <i>Product Category: Whole Algae Powder</i> |   |                  |