



Technical Data Sheet

Wakame P.E. 10% Fucoxanthin
Japanese kelp P.E. 10% Fucoxanthin

PRODUCT INFORMATION

| | |
|-----------------------------|---------------------|
| Botanical name | Undaria Pinnatifida |
| Part used | Algae |
| Origin | China |
| Undaria Pinnatifida Extract | Approx 30% |
| Carrier (Maltodextrin) | Approx 70% |

| ITEM | SPECIFICATION | METHOD |
|-------------------|----------------------|----------------|
| Fucoxanthin Assay | ≥10.0% | UV |
| Fucoxanthin | Not detectable | |
| Iodine | NMT 100ppm | |
| Appearance | Yellow Dry Powder | Visual |
| Odor & Taste | Characteristic | Organoleptic |
| Identification | Correspond | FT-IR/USP<201> |
| Particle size | 100% Through 80 Mesh | USP<786> |
| Loss on Drying | ≤7.0% | USP<731> |
| Total Ash | ≤3.0% | USP<281> |
| Solvent Residues | ≤10ppm | GC |

STATEMENTS

| | |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Food Quality and Safety | According to Reg. (EC) 178/2002 |
| Hygiene of foodstuffs | In compliance with Reg. (EC) 852/2004 |
| Hazard | Not dangerous in accordance with EU regulation (EC) No 1272/2008 |
| Contaminants | According to Reg. (EC) 2023/915 for food supplements |
| Preservative | Preservative Free |
| Residual Solvents | According to Dir. (EC) 2009/32 and amendments |
| Pesticides | According to Reg. (EC) 396/2005 and amendments |
| Microbiology | Bacterial Count: TAMC-Bacteria: <1,000 cfu/g, TYMC: <100 cfu/g, Salmonella: negative, E. Coli: negative, S. Aureus: negative, Total Coliforms: <10 cfu/g |
| GMO | GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments |
| ETO | ETO free |
| Vegan | Conform |
| Sterilization Method | High Temperature and Pressure |
| Irradiation | No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments |
| BSE/TSE | Risk Free BSE/TSE |
| Allergen status | No allergens requiring labeling according to Reg. (EC) 1169/2011 |
| Unintentional contact (traces) in the supply chain cannot be excluded. | |
| Nanomaterials | Absent According to Reg. (EC) 1169/2011 |
| Titanium dioxide | Absent According to Reg. (EC) 2022/63 |
| Packaging | According to Reg. (EC) 1935/2004 and 10/2011 and amendments |

STORAGE AND HANDLING

| | |
|--------------------------|-------------------------------------------------------------------------|
| Storage | Store in a well-closed container away from moisture and direct sunlight |
| Shelf Life | 2 years if sealed and properly stored |
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All above information according to the manufacturer

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