



**Technical Data Sheet**

**Japanischer Blatttang P.E. 50% Fucoxanthin**  
**Japanese Kelp P.E. 50% Fucoxanthin**

**PRODUCT INFORMATION**

Latin name	Laminaria Japonica
Part Used	algae
Origin	China
Extraction solvent	Ethanol & Water
Laminaria Japonica Extract	Approx 75%
Carrier (Maltodextrin)	Approx 20%

ITEM	SPECIFICATION	METHOD
Fucoxanthin Assay	≥50.0%	UV
Appearance	Yellow Red Powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Correspond	FT-IR/USP<201>
Sieve analysis	100% Through 80 Mesh	USP<786>
Loss on Drying	≤7.0%	USP<731>
Total Ash	≤5.0%	USP<281>
Bulk Density	20-60g/100ml	USP<616>
Solvent Residues	≤30mg/Kg	USP34<467>

**STATEMENTS**

Food Quality and Safety	According to Reg. (EC) 178/2002
Contaminants	According to Reg. (EC) 2023/915 and amendments
Preservative	Preservative Free Conforms
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, Coliforms <10 cfu/g, Salmonella negative, E. Coli negative, Staphylococcus negative
GMO	Not Detectable, GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
Sterilization Method	High Temperature and Pressure
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1992/2 and 1993/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	according to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) Nr. 10/2011 and 1935/2004

**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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