



Technical Data Sheet

Spirulina P.E. 50% Phycocyanin

PRODUCT INFORMATION

Latin name	Spirulina
Part Used	Algae
Origin	China
Extraction solvent	100% Water
Carrier	None

ITEM	SPECIFICATION	METHOD
Phycocyanin Assay	50% ~55%	abs@618nm
Trehalose Assay	45%-50%	
Sodium Citrate Assay	0-5%	
Appearance*	Blue Fine Powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Positive	TLC
Sieve analysis	100% through 80 Mesh	80 Mesh Screen
Loss on Drying	7% Max	Eu. Pharm. v.v. (2.8.17)
Total Ash	10% Max	Eu. Pharm. c.v. (2.4.16)
Bulk Density	0.30-0.70g/ml	

*The color may vary

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002
Contaminants	According to Reg. (EC) 2023/915 and amendments
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 <5,000 cfu/g, TYMC <100 cfu/g, Salmonella negative, E. Coli negative, Staphylococcus negative
GMO	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 Dir. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	According to Reg. (EC) 1169/2011
Note	Spirulina naturally contains sulfites. The fluctuation range is between <10mg/kg - approx. 30mg/kg. Sulphites are not added to the product.
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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