



## Technical Data Sheet

### Astaxanthin 2% P.

#### PRODUCT INFORMATION

Latin name	Haematococcus pluvialis
Part Used	Whole plant
Origin	China
Carrier	None

ITEM	SPECIFICATION	METHOD
Natural Astaxanthin Assay	2% Min	HPLC
Appearance	Dark Red Powder	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Positive	UV/HPLC
Sieve analysis	100% through 80 Mesh	80 Mesh Screen
Loss on Drying	10% Max	Eu. Pharm. v.v. (2.8.17)
Residue on Ignition	15% Max	Eu. Pharm. c.v. (2.4.16)
Bulk Density	0.30~0.70g/ml	

#### STATEMENTS

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 <30,000 cfu/g, TYMC <50 cfu/g, Salmonella negative, E. Coli 0.92 MPN/g
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
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 and amendments

#### STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight stored in cryogenic storage < -18 °C: storage period is 24 months stored in cool storage < 8 °C: storage period is 12 months stored at room temperature < 25 °C: storage period is 6 months
Shelf Life	2 years if sealed and properly stored
Reference	Oxidation protection must be ensured

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