



Technical Data Sheet

**Blutregenalge Astaxanthin 5% P.
Haematococcus pluvialis Astaxanthin 5% P.**

PRODUCT INFORMATION

Botanic name	Haematococcus pluvialis
Part Used	Whole plant
Origin	China
Extraction solvent	None
Carrier (name of carrier)	None

ITEM	SPECIFICATION	METHOD
Natural Astaxanthin Assay	5% Min	
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	7% Max	Eu. Pharm. v.v. (2.8.17)
Residue on Ignition	10% Max	Eu. Pharm. c.v. (2.4.16)
Bulk Density	0.30~0.70g/ml	
Aflatoxin B1	2µg/kg Max	Eu. Phann. c.v. (2.8.18)
Total Aflatoxins (B1,B2,G1,G2)	4µg/kg Max	Eu. Phann. c.v. (2.8.18)

Benzo(a)pyrene	10ppb Max	GC-MASS
Food Quality and Safety	According to Reg. (EC) 178/2002	
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 <300 cfu/g, Salmonella negative, E. Coli <20 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 free	According to Reg. (EC) 1169/2011	
Allergen labeling	Subject to labeling 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) 1935/2004 and 10/2011 and amendments	

STORAGE AND HANDLING

Storage	Store cool in a well-closed container away from moisture and direct sunlight
Shelf Life	2 years if sealed and properly stored
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