



Technical Data Sheet

BIO Astaxanthin Öl 5% (47236)
ORGANIC Astaxanthin Oil 5% (47236)

PRODUCT INFORMATION

Name	Astaxanthin-containing oleoresin from the microalga Haematococcus pluvialis (10%)		
Product ID	27162		
Latin name	Haematococcus pluvialis		
Part Used	microalgae		
Origin	EU Agriculture (Czech Republic)		
Haematococcus pluvialis Extract	Aprox 100%		
Carrier	None		
Extraction solvent	ethyl acetate	Organic Certification	DE-ÖKO-013

ITEM	SPECIFICATION	METHOD
Astaxanthin Assay	≥ 5%	NP-HPLC
Appearance*	dark red viscous oil	
Odor & Taste	Characteristic, typical algal	
Identification	Positive, corresponds to Haematococcus pluvialis biomass with Astaxanthin (HPLC)	
Sieve analysis	oil	
Loss on Drying	< 5 %	
Aflatoxin B1	2 µg/kg max	
Total Aflatoxins (B1, B2, G1, G2)	4 µg/kg max	

*The color may vary

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002 / Only for food supplements
Organic production	According to Reg. (EC) 2018/848
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
Solvents	According to Dir. (EC) 2009/32 and amendments for extraction solvents / residual solvents
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <10,000 cfu/g, TYMC <300 cfu/g, Salmonella negative, E. Coli negative, S. Aureus negative
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
Cosmetic quality	Complies with all requirements for cosmetics in Germany and the EU
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments
MOSH/POSH/MOAH	free

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	3 years if sealed and properly stored
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All above information according to the manufacturer / supplier

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