



Technical Data Sheet

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

PRODUCT INFORMATION

Name	Astaxanthin-containing oleoresin from the microalga Haematococcus pluvialis (5%)		
Product ID	27255		
Latin name	Haematococcus pluvialis	Haematococcus pluvialis Extract	Aprox 100%
Part Used	microalgae	Carrier	None
Origin	EU Agriculture (Czech Republic)	Extraction solvent	CO2 supercritical
Organic Certification	DE-ÖKO-013		

ITEM	SPECIFICATION	METHOD	
Astaxanthin Assay	≥ 5%	NP-HPLC	
Appearance*	dark red viscous oil		*The color may vary
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		

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. It is recommended to keep the material in its original packaging stored below +5°C in a dark and dry place.
Shelf Life	3 years if sealed and properly stored
Document status template	24.03.2025
Issue date	1.7.2026

All above information according to the manufacturer / supplier

Disclaimer

This document, or any answers or information provided herein by Chem2Market GmbH, does not constitute a legally binding obligation of Chem2Market GmbH. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from the obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE