



## TECHNICAL DATA SHEET

### ORGANIC SPURLINATABLET (500mg)

<b>PRODUCT INFORMATION</b>	EAN 3830057520520
<b>BOTANICAL NAME</b>	Arthrospira Platensis
<b>COUNTRY OF ORIGIN</b>	China
<b>HARMONIZATION CODE</b>	2102209000
<b>BRIEF DESCRIPTION</b>	<p>Spirulina is natural, blue-green algae that harness energy from sunlight to fuel its growth. As one of the most protein-dense plant foods available and a rich source of micronutrients, it is one of the world's best, and original, superfoods. Cultivated and harvested in pure, freshwater pools, our minimally processed spirulina is dried into a naturally nutritious powder. The spirulina powder is then compressed by a registered pharmaceutical manufacturer into tablets containing 500mg of Spirulina. Spirulina tablets are inspected and meet the standards set by the Medicine and Healthcare Products Regulatory Agency. No bulking agents such as magnesium stearate, which may impact on the taste, are used. Organic Spirulina Tablets is certified organic by the Soil Association under the code SI-EKO-003.</p>
<b>INGREDIENTS</b>	100% Organic Spirulina algae
<b>SUGGESTED USE</b>	6-20 tablets per day. Please consult your doctor before taking any nutrient-dense products.
<b>PRODUCTION PROCESS</b>	Algae farmed in fresh water pools → Raw material (organic Spirulina powder) → CCP1 Sieving (Mesh Woven Wire) → Blending → Inner packing (bulk) → Tableting (punch machine / pressure 80KN) → CCP2 Metal detection) → Outer packing (bulk) → CCP3 Metal detection → Storing → Dispatch (to end product packing facility) → End product packing (organic certified packing facility) → CCP4 Metal detection → Delivery and storing (Ekolife warehouse)
<b>SHELF LIFE &amp; STORAGE</b>	Up to 3 years from harvesting when properly stored. Store in a cool dry place, do not freeze and keep away from direct sunlight.

<b>NUTRITIONAL INFORMATION</b>	<b>Per 100g</b>	<b>Per 6g (12 tbl)*</b>	<b>RI per 6g (12 tbl)*</b>
Energy	1466.67 kJ / 350 kcal	88kJ / 21kcal	
Fat	8.33 g	0,5g	
of which saturates	1.17 g	0,07g	
Carbohydrate	15 g	0.9g	
of which sugars	0.13 g	0,008g	
Fibre			
Protein	61.67 g	3.7g	
Salt	<1.67 g	<0,1g	
Vitamin A	22,500 µg	1350 µg	169%
Vitamin B12	60 µg	3,6 µg	150%
Iron	78.33 mg	4.7mg	33,6%
Chlorophyll	78.33 mg	60mg	

*We periodically review our nutrition information based on a risk assessment to account for seasonal variability, growing condition and other factors that cause nutrition result to vary. Please find our updated Technical Data Sheet.*



## AUTHORISED HEALTH BENEFITS BASED ON MICRONUTRIENTS per 100g Micronutrients in Spirulina tablets contribute to:

<ul style="list-style-type: none"> <li>✓ reduction of tiredness and fatigue</li> <li>✓ normal formation of red blood cells and haemoglobin</li> <li>✓ normal muscle function</li> <li>✓ normal protein synthesis</li> <li>✓ normal psychological function</li> <li>✓ the maintenance of normal bones</li> <li>✓ the maintenance of normal teeth</li> <li>✓ the process of cell division</li> <li>✓ normal cognitive function</li> <li>✓ normal oxygen transport in the body</li> </ul>	<ul style="list-style-type: none"> <li>✓ normal cognitive development of children</li> <li>✓ normal macronutrient metabolism</li> <li>✓ electrolyte balance</li> <li>✓ normal energy-yielding metabolism</li> <li>✓ the maintenance of normal blood glucose levels</li> <li>✓ normal functioning of the nervous system</li> <li>✓ the maintenance of normal mucous membranes</li> <li>✓ the maintenance of normal red blood cells</li> <li>✓ the maintenance of normal skin</li> <li>✓ the maintenance of normal vision</li> </ul>
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*These approved health benefits are based on the detailed nutritional composition of the product we supply for informational purpose only and are in compliance with regulation (EC) No 1924/2006. These health benefits may not be applicable to similar products from other suppliers. We periodically review our nutrition information based on a risk assessment to account for seasonal variability, growing condition and other factors that cause nutrition results to vary. The nutritional information provided in this document is based on nutritional testing and on average, as required by regulation (EC) No 1169/2011. The information is not meant to ensure warranty of characteristics. It comes without commitment and is not valid for any claim of warranty and product liability respectively.*

### ORGANOLEPTIC PROPERTIES

Appearance/Texture	Round Tablets
Flavour	Milk, Like Seaweed
Aroma	Characteristics
Colour	Dark Green

### PHYSICAL CHARACTERISTICS

Mesh	N/A
Foreign Materials	Absent
Solubility	N/A
Density	N/A

### CHEMICAL CHARACTERISTICS

Moisture	Max 8%
Ash	Max 8%
Water Activity	N/A

### MICROBIOLOGICAL CHARACTERISTICS

Name	Maximum Limit	UoM
Plate Count	≤1000000	cfu/g
Yeast	≤10000	cfu/g
Mold	≤10000	cfu/g
E. Coli	≤100	cfu/g
Salmonella	Not Detected	/25g
Bacillus Cereus	≤10000	cfu/g
Listeria Monocytogenes	Not Detected	/25g
Clostridium Perfringens	≤10000	cfu/g
Staphylococcus Aureus	≤10000	cfu/g
Enterobacteriaceae	≤10000	cfu/g

### DIETARY INFORMATION

Diet	Suitable For	Certified?	Comments
Organic	Yes	Yes	
Vegetarian	Yes	Yes	



Vegan	Yes	Yes	
Jewish / Kosher	Yes	Yes	
Muslim / Halal	Yes	No	Suitable but not certified

## ALLERGEN STATEMENT

We hereby certify that this product does not contain any substances causing allergies or intolerances as ingredients or by possibility of cross contamination. The list of allergens which are likely to cause adverse reactions in susceptible individuals is provided in Annex II of Regulation (EU) No 1169/2011. Please note that this statement is based on the information provided by the manufacturer of the product.

ALLERGEN COMPONENT	PRESENT (AS AN INGREDIENT)	ABSENT AS INGREDIENT (ON SAME LINE)	PRESENT IN PROCESSING PLANT	SOURCE OF ALLERGEN
Celery & product there	No	No	No	
Cereals Containing Gluten	No	No	No	
Crustaceans	No	No	No	
Eggs	No	No	No	
Fish	No	No	No	
Lupin	No	No	No	
Milk	No	No	No	
Molluscs	No	No	No	
Mustard	No	No	No	
Nuts	No	No	No	
Peanuts	No	No	No	
Sesame Seeds	No	No	No	
Soybeans	No	No	No	
Sulphur Dioxide & Sulphites	No	No	No	See comment section
Comments:	Spirulina may contain naturally occurring sulphites. The list of allergens which are likely to cause adverse reactions in susceptible individuals is provided in Annex II of Regulation (EU) No 1169/2011. Sulphur dioxide and/ or sulphites at concentrations of more than 10mg/kg or 10mg/L (litre) in terms of the total SO <sub>2</sub> which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers.			

## CONTAMINANTS

Heavy Metals (lead, cadmium, mercury, tin, arsenic)	According to Regulation (EC) No 2023/915
Mycotoxins (aflatoxins, ochratoxin A, patulin)	According to Regulation (EC) No 2023/915
Nitrates	According to Regulation (EC) No 2023/915
Polycyclic Aromatic Hydrocarbons (PAH)	According to Regulation (EC) No 2023/915

## PACKAGING

	DIRECT CONTACT PACKAGING	INDIRECT CONTACT PACKAGING
Packaging description	PET1 bottle – brown + black cap with seal liner Food grade	Secondary card box packaging
Pack size	Bottle Type 05 200ml	63x115x63mm
Material Specification	PET1 + PP1	Card box
Empty pack weight	24g	16g
Recyclability	Yes	Yes



## **GMO FREE**

This product is not subject to genetic modifications. Process controls are in place to ensure no accidental contamination with genetically modified materials, or materials derived thereafter, can occur. We hereby certify that this product is not subject to labelling under EU Regulations 1829/2003/EC and 1830/2003/EC on genetically modified food and feed.

## **WADA Statement**

We declare that our products do not contain any of the substances mentioned in the Yearly updated "Prohibited List" from the World Anti-Doping Agency.

## **PESTICIDES**

This product complies with the requirements outlined in Regulation (EU) 2018/848 of the European Parliament and of The Council (and consecutive amendments). It also complies with Soil Association strict organic farming standards. During the manufacturing process the product and the packaging materials are not exposed to pesticides or pesticide residues. Pesticides are not stored on site, nor used in the manufacturing or warehousing areas.

## **IRRADIATION AND ETHYLENE OXIDE**

We declare that the product listed above is not treated with ionizing radiation (r2) or ethylene oxide (EtO) for any purposes and as such are free of gamma ray and ethylene oxide residue and complies with the EU regulation 1999/3/EC.

## **BSE STATEMENT**

This product is manufactured exclusively from plant source, and does not contain any components from animal origin. It has not been derived from any animal source, and has not come into contact with any components of animal origin.

## **RESIDUAL SOLVENTS**

No residual solvents are used in the manufacturing process.

## **LEVEL OF UNDESIRABLE SUBSTANCES**

The strictly controlled production process of this product ensures that the undesirable substances levels (heavy metals, PAH, mycotoxins, etc.) are below the limits identified by EU legislation (No 2023/915 on maximum levels for certain contaminants in food and consecutive amendments, Commission Regulation No 2073/2005, including the recommendations provided by EFSA on food contaminants).

## **ANIMAL TESTING STATEMENT**

Ekolife natura d.o.o. confirms that we do not conduct or commission animal testing of any products.

## **ENDANGERED SPECIES OF FAUNA AND FLORA**

None of our products are listed as banned on the world Convention on International Trade of Endangered Species of Fauna and Flora (CITES).

## **OTHER INFORMATION**

This Product is 100% Natural; it is not considered hazardous.

This is an agricultural product; therefore, some batch variation may occur in terms of colour, flavour, odour, appearance and composition based on the growing conditions and seasonal variability.

The information contained herein is based on the present state of our knowledge and is intended to describe our product from the point of safety requirements. It should not therefore be construed as guaranteeing specific properties.



# ekolife natura

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Approved by