

# PRODUCT SPECIFICATION SHEET

**PRODUCT NAME:**

ORGANIC SPIRULINA

**BOTANICAL NAME:**

Arthrospira platensis

**COUNTRY OF ORIGIN:**

China

**INGREDIENTS:**

100 % Spirulina

**PRODUCT DESCRIPTION:**

Spirulina powder and tablets are derived from the blue-green algae known as Spirulina, which is rich in essential nutrients and antioxidants. It is a complete protein source, containing all the essential amino acids. It is packed with vitamins, minerals and phytonutrients. Spirulina has gained recognition for its numerous health benefits: it supports immune function, promotes energy and vitality, aids in detoxification, and contributes to overall well-being.

**QUALITY PARAMETERS:**

Product is not irradiated. The product is not processed with and does not contain animal products or by-products and is suitable for a vegan diet. No use of pesticides according to EU Regulations 2018/848 and 396/2005 and BNN recommendations.

**ORGANOLEPTIC:**

Format fine powder or tablets (500mg)  
Color dark green  
Flavor earthy, fishy

**ANALYTICAL PROPERTIES:**

Moisture 10% Max  
Total Ash 8% Max

**HEAVY METALS:**

Lead  $\leq 3,0$  mg/kg  
Cadmium  $\leq 3$  mg/kg  
Mercury  $\leq 0,1$  mg/kg

Contaminants in accordance with EU Regulation 2023/915

**GMO:**

Product is not produced with bioengineered or genetically modified material.

**ALLERGENS:**

According to EU Regulation 1169/2011 Annex II – no allergens are processed or stored on site. Spirulina does contain natural SO<sub>2</sub>, which can be above 10 mg/kg; no SO<sub>2</sub> is added to the product.

**(The above is only applicable in purchasing in bulk quantities in supplier packaging)**

**MICROBIOLOGICAL PROPERTIES:**

Total Plate Count	$\leq 100.000$ cfu/g
Entero	$\leq 1.000$ cfu/g
E. Coli	$\leq 100$ cfu/g
Mold	$\leq 1.000$ cfu/g
Staphylococcus	$\leq 100$ cfu/g
Pre. Bacillus Cereus	$\leq 1.000$ cfu/g
Salmonella	Absent/25g

**NUTRITIONAL VALUES (per 100 grams):**

Energy	1487 kJ / 355 kcal
Fat	2,56 g
Carbohydrates	8,5 g
Sugar	1,20 g
Dietary Fiber	9,59 g
Protein	69,00 g
Salt	3,83 g

these are estimated values which can vary from lot to lot

**PACKAGING:**

Aluminium bags in 20/25kg carton.

**STORAGE:**

Store in cool, dry area. Do not freeze. Keep away from direct sunlight.

**SHELF LIFE:**

May exceed 24 months from production date given proper storage.