

# Technical Data Sheet

## BULK ORGANIC SPIRULINA POWDER

### PRODUCT INFORMATION

BOTANICAL NAME	Arthrospira (spirulina) Platensis
COUNTRY OF ORIGIN	China
PRODUCT CODE	Bulk03spirulina
BRIEF DESCRIPTION	Spirulina is a natural, blue-green algae that harnesses energy from sunlight to fuel its growth. As one of the most protein-dense plant foods available and a rich source of micronutrients, it really 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. Organic Spirulina Powder is certified organic by the Soil Association under the code GB-ORG-05 and GB-BIO-142 under the EU organic standards.
INGREDIENTS	100% Organic Spirulina Algae
SUGGESTED USE	3-5g per day. Please consult your doctor before taking any nutrient-dense products.
PRODUCTION PROCESS	Culturing raw organic Spirulina → gathering and washing → mesh screening → spray drying → milling → packaging
PACKAGING	Aluminium bag + PE bag, 5kg/bag
SHELF LIFE & STORAGE	30 Months when properly stored. Store in a cool, dry area, do not freeze, and keep away from strong, direct sunlight.

### NUTRITIONAL INFORMATION

	Per 100g	Units
Energy	1408/332	kJ/kcal
Fat	0	g
of which saturates	0	g
of which mono-unsaturates	0	g
of which polyunsaturates	0	g
Carbohydrate	12	g
Of which sugars	0	g
Fibre	8.9	g
Protein	66	g
Salt	1.8	g
Vitamin A	1204	µg
Vitamin K1	805	µg
Riboflavin (B2)	0.85	mg
Vitamin (B6)	0.72	mg
Folic acid (B9)	99	µg
Magnesium	306	mg
Iron	57	mg
Manganese	1.9	mg
Chromium	41	µg

Technical Data Sheet

GO149

Issue 4.4

Issued 18/08/2021



# Technical Data Sheet

*We periodically review our nutrition information to account for seasonal variability, growing condition and other factors that cause nutrition result to vary. Please find our updated TDS.*

## AUTHORISED HEALTH BENEFITS BASED ON MICRONUTRIENTS

Micronutrients in Spirulina Powder contribute to:

- ✓ reduction of tiredness and fatigue
- ✓ normal formation of red blood cells and haemoglobin
- ✓ normal muscle function
- ✓ normal protein synthesis
- ✓ normal psychological function
- ✓ the maintenance of normal bones
- ✓ the maintenance of normal teeth
- ✓ the process of cell division
- ✓ normal cognitive function
- ✓ normal oxygen transport in the body
- ✓ normal function of the immune system
- ✓ normal cysteine synthesis
- ✓ normal functioning of the nervous system
- ✓ process of cell specialisation
- ✓ the regulation of hormonal activity
- ✓ normal cognitive development of children
- ✓ normal macronutrient metabolism
- ✓ electrolyte balance
- ✓ normal energy-yielding metabolism
- ✓ the maintenance of normal blood glucose levels
- ✓ normal functioning of the nervous system
- ✓ the maintenance of normal mucous membranes
- ✓ the maintenance of normal red blood cells
- ✓ the maintenance of normal skin
- ✓ the maintenance of normal vision
- ✓ the normal metabolism of iron
- ✓ normal homocysteine metabolism
- ✓ normal protein and glycogen metabolism
- ✓ normal red blood cell formation
- ✓ normal iron metabolism

*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.*

## ALLERGEN STATEMENT

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.

## AUTHENTICITY

Organic Spirulina Powder is 100% natural and do not contain any additives such as sugars, acids, colorants, preservatives, etc.

## GMO FREE

Organic Spirulina Powder 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 Organic Spirulina Powder is not subject to labeling under EU Regulations 1829/2003/EC and 1830/2003/EC on genetically modified food and feed.

## PESTICIDES

Organic Spirulina Powder complies with the requirements outlined in Council Regulation (EC) No. 834/2007 (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.

Technical Data Sheet

GO149

Issue 4.4

Issued 18/08/2021



# Technical Data Sheet

## IRRADIATION

The product has not been irradiated and complies with the EU regulation 1999/3/EC.

## BSE STATEMENT

Organic Spirulina Powder is produced exclusively from plant source, and do 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 Spirulina Powder ensures that the undesirable substances levels (heavy metals, PAH, mycotoxins, etc.) are below the limits identified by EU legislation (Commission regulation No 2073/2005, No 1881/2006 and consecutive amendments), including the recommendations provided by EFSA on food contaminants.

## ANIMAL TESTING STATEMENT

NutsInBulk Ltd confirms that we do not conduct or commission animal testing of any products.

## DISCLAIMER

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. Therefore, it should not be construed as guaranteed specific properties of the product described. Our product specification may be subject to change without notice.

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 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.

Approved by Technical Services Manager  
August 18, 2021

