

Technical Data Sheet

ORGANIC CHLORELLA POWDER

PRODUCT INFORMATION

BOTANICAL NAME	Chlorella Vulgaris
COUNTRY OF ORIGIN	China
PRODUCT CODE	Bulk03chlorella
BRIEF DESCRIPTION	A single-celled, blue-green algae, Chlorella vulgaris is sourced from an island in the South China Sea. Chlorella is cultivated in filtered natural water under strict controls. Rich in organic matters, Chlorella is a popular basis for detoxification programmes. Chlorella embodies a plethora of key vitamins and minerals including calcium, iron, phosphorous and potassium. The Chlorella cell is protected by a tough wall. This cell wall is broken by milling to make the product nutrients more bioavailable. Our Organic Chlorella Powder is certified 100% organic by the Soil Association under the code GB-ORG-05.
INGREDIENTS	100% Organic Chlorella Algae
SUGGESTED USE	3-5g per day. Please consult your doctor before taking any nutrient-dense products.
PRODUCTION PROCESS	Culturing raw Organic Chlorella → Harvesting and washing → Spray drying → Breaking cell wall (milling) → Sieving → Blending → Metal Detection → Packaging
PACKAGING	Aluminum bag + PE bag, 5kg/bag inside of a cardboard drum
SHELF LIFE & STORAGE	3 years when properly stored. Store in a cool dry area, do not freeze, and keep away from direct sunlight.

NUTRITIONAL INFORMATION *

	Per 100g	Units
Energy	1434/339	kJ/kcal
Fat	1.8	g
of which saturates	0.5	g
of which mono-unsaturates	0.5	g
of which polyunsaturates	0.7	g
Carbohydrate	12	g
of which sugars	0.6	g
Fibre	13	g
Protein	63	g
Salt	0.2	g
Vitamin A	2129	µg
Riboflavin (B2)	0.3	mg
Vitamin B12	118	µg
Phosphorus	1230	mg
Iron	68	mg
Zinc	2.1	mg

Technical Data Sheet

GO126

Issue 4.1

Issued 11/02/20



Technical Data Sheet

Magnesium	394	mg
Iodine	150	µg

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

Micronutrients in Chlorella Powder contribute to:

- ✓ normal iron metabolism
- ✓ maintenance of normal mucous membranes
- ✓ maintenance of normal skin
- ✓ maintenance of normal vision
- ✓ normal function of the immune system
- ✓ process of cell specialisation
- ✓ normal energy-yielding metabolism
- ✓ normal functioning of the nervous system
- ✓ maintenance of normal red blood cells
- ✓ normal metabolism of iron
- ✓ protection of cells from oxidative stress
- ✓ reduction of tiredness and fatigue
- ✓ normal homocysteine metabolism
- ✓ normal psychological function
- ✓ normal red blood cell formation
- ✓ process of cell division
- ✓ normal function of cell membranes
- ✓ maintenance of normal bones
- ✓ maintenance of normal teeth
- ✓ normal growth and development of bone in children
- ✓ normal cognitive function
- ✓ normal formation of red blood cells and haemoglobin
- ✓ normal oxygen transport in the body
- ✓ normal cognitive development of children
- ✓ normal DNA synthesis
- ✓ normal acid-base metabolism
- ✓ normal carbohydrate metabolism
- ✓ normal fertility and reproduction
- ✓ normal macronutrient metabolism
- ✓ normal metabolism of fatty acids
- ✓ normal metabolism of vitamin A
- ✓ normal protein synthesis
- ✓ normal formation of connective tissue
- ✓ protection of cells from oxidative stress

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

Chlorella 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 SO₂ which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers.

AUTHENTICITY

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

GMO FREE

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

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PESTICIDES

Organic Chlorella 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.

IRRADIATION

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

BSE STATEMENT

Organic Chlorella 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 Chlorella 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

Go Superfoods 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

Services Manager
February 11, 2021

