

# Technical Data Sheet

## ORGANIC BULK BARLEY GRASS CAPSULES 500Mg

### PRODUCT INFORMATION

BOTANICAL NAME Hordeum Vulgare

COUNTRY OF ORIGIN Germany

PRODUCT CODE Bulk07barleygrass

HARMONIZATION CODE 1212999590

**BRIEF DESCRIPTION** Considered to be the first cereal grain cultivated by humans, the uses of barley date back to 7000 BC. Our Barley Grass is organically grown on the fertile plains by European (German) farmers. Barley Grass is harvested whilst the plant is still young at its nutritional peak. It is then processed at one of the largest, highly innovative, and most efficient dehydration plants in Europe. The final processing step involves milling barely grass into a fine powder form. It takes 5kg of fresh leaves to produce 1kg of powder. The capsule shell is made of vegetable cellulose.

The product is certified organic by the Soil Association under the code GB-ORG-05.

**INGREDIENTS** 100% Organic Barley Grass (EU)  
Hydroxypropyl methyl cellulose-based capsule size 00, 100% Hypromellose

**SUGGESTED USE** 2-6 Capsules per day. Please consult your doctor before taking any nutrient-dense products.

**PRODUCTION PROCESS** Raw material reception → weighing → Sieving → Magnet → Encapsulation → Packing

**PACKAGING/ NET WEIGHT** Food Contact packaging/ 12.5kg (5000 capsules x 5)

**SHELF LIFE & STORAGE** 36 months from manufacture date. Store in a cool and dry place.

### NUTRITIONAL INFORMATION

	Per 100g	Unit
Energy	1305/310	kJ/kcal
Fat	1.1	g
of which saturates	0.2	g
of which mono-unsaturates	0.0	g
of which polyunsaturates	0.8	g
Carbohydrate	49	g
of which sugars	11	g

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Nutritional Information	Per 100g	Unit
Fibre	24	g
Protein	15	g
Salt	0.5	g
Vitamin C	120	mg
Calcium	498	mg
Magnesium	154	mg
Iron	17	mg
Zinc	1.6	mg

*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 TDS*

## AUTHORISED HEALTH BENEFITS BASED ON MICRONUTRIENTS

Micronutrients in Organic Barley Bulk Grass Capsules contribute to:

- ✓ normal function of blood vessels
- ✓ normal function of bones
- ✓ normal function of cartilage
- ✓ normal function of gums
- ✓ normal function of skin
- ✓ normal function of teeth
- ✓ increases iron absorption
- ✓ normal blood clotting
- ✓ normal muscle function
- ✓ normal function of digestive enzymes
- ✓ maintenance of normal teeth
- ✓ normal growth and development of bone in children
- ✓ electrolyte balance
- ✓ normal oxygen transport in the body
- ✓ normal DNA synthesis
- ✓ normal acid-base metabolism
- ✓ normal fertility and reproduction
- ✓ normal metabolism of fatty acids
- ✓ maintenance of normal hair
- ✓ normal testosterone levels in the blood
- ✓ normal energy-yielding metabolism
- ✓ maintenance of normal vision
- ✓ normal psychological function
- ✓ normal function of the immune system
- ✓ protection of cells from oxidative stress
- ✓ reduction of tiredness and fatigue
- ✓ regeneration of the reduced form of vitamin E
- ✓ normal energy-yielding metabolism
- ✓ normal neurotransmission
- ✓ process of cell division and specialisation
- ✓ reduce the loss of bone mineral in post-menopausal women
- ✓ normal protein synthesis
- ✓ process of cell division
- ✓ formation of red blood cells and haemoglobin
- ✓ normal cognitive development of children
- ✓ normal carbohydrate metabolism
- ✓ normal macronutrient metabolism
- ✓ normal metabolism of vitamin A
- ✓ maintenance of normal nails

*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.*

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## **AUTHENTICITY**

Organic Bulk Barley Grass Capsules are 100% natural and does not contain any additives such as sugars, acids, colorants, preservatives, etc.

## **GMO FREE**

Organic Bulk Barley Grass Capsules are 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 the product is not subject to labeling under EU Regulations 1829/2003/EC and 1830/2003/EC on genetically modified food and feed.

## **PESTICIDES**

Organic Bulk Barley Grass Capsules 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 Bulk Barley grass capsules are produced 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 Organic Barley Grass Powder (EU) 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 confirms that we do not conduct or commission animal testing of any products.

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## OTHER INFORMATION

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.

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.

<b><u>Allergens:-</u>When purchased in bulk size original packaging, manufacturer allergen policy will apply. When purchased in quantities that need re-packaging, our allergen policies will apply.</b>						
Component	Manufacturer			Nuts in Bulk ( Applies when bought in small quantities that need re-packaging )		
	In Product	Processed in Same Equipment	Handled on Site	In Product	Processed in Same Equipment	Handled on Site
Cereals containing GLUTEN and products thereof	NO	NO	NO	NO	NO	YES
EGGS or its derivatives	NO	NO	NO	NO	NO	NO
FISH or its derivatives	NO	NO	NO	NO	NO	NO
CRUSTACEANS / SHELLFISH	NO	NO	NO	NO	NO	NO
MOLLUSCS	NO	NO	NO	NO	NO	NO
PEANUTS or derivatives	NO	NO	NO	NO	NO	YES
SOYA BEANS or derivatives	NO	NO	NO	NO	NO	YES
MILK (LACTOSE) or its derivatives	NO	NO	NO	NO	NO	YES
NUTS , tree nuts:	NO	NO	NO	NO	NO	YES
CELERY, including celeriac and its derivatives	NO	NO	NO	NO	NO	NO
MUSTARD, referring to all parts of the plant and derivatives thereof	NO	NO	NO	NO	NO	YES
SESAME SEEDS or derivatives	NO	NO	NO	NO	NO	YES
SULPHITES >10ppm – Sulphite quantity to be given in ppm	NO	NO	NO	NO	NO	YES
LUPIN seeds or derivatives	NO	NO	NO	NO	NO	NO

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