

ALGAE & GREENS

Barley Grass Juice Powder

Organic juice powder

DRAFT FOR APPROVAL

Version 1.0

September 2026

SOURCE DATA INCOMPLETE

Prepared from the supplier's certificate of analysis, with country of origin, storage and nutritional values taken from the approved pack artwork. Still outstanding: the allergen declaration. A full supplier specification is needed to complete this sheet.

PRODUCT INFORMATION

Common name	Barleygrass juice powder, organic
Botanical name	Hordeum vulgare
Ingredients	Organic barley grass juice. May contain traces of other naturally occurring botanicals from growing and harvesting.
Country of origin	USA
Juice process	Mechanically juiced
Drying process	BioActive Dehydration (supplier's trademarked process)
Excipients	None
Packaging options	100 g, 1 kg, 5 kg, 20 kg

QUALITY

Organic certification	Certified organic by Oregon Tilth, OT-005907 (USDA NOP, US-ORG-042)
GMO	GMO free, as declared by the supplier
Irradiation	Not irradiated
Shelf life	2.5 years from date of manufacture
Storage	Store in a cool, dry place away from direct sunlight. Exposure to temperatures above 24 °C may cause degradation.
Packing at source	Packed with an optional oxygen absorber or nitrogen flush

SENSORY CHARACTERISTICS

PARAMETER	DECLARATION
Appearance	Green powder
Particle size	Less than 0.47 mm
Solubility	Water soluble
Odour and flavour	Characteristic

CHEMICAL CHARACTERISTICS

PARAMETER	VALUE	UNIT
Moisture	< 7.0	%
Water activity	< 0.5	aW at 23 °C
Gluten	< 15	ppm

MICROBIOLOGICAL CRITERIA

PARAMETER	MAXIMUM LIMIT	UNIT
Standard plate count	< 5 000 000	CFU/g
E. coli	< 3	MPN/g
Coliforms	< 2500	MPN/g
Yeast	< 5000	CFU/g
Mould	< 5000	CFU/g
Staphylococcus	Not detected	per 10 g
Salmonella	Not detected	per 25 g
Listeria	Not detected	per 25 g
STEC (Shiga toxin-producing E. coli)	Not detected	per 10 g

NUTRITIONAL VALUES (PER 100 G)

NUTRIENT	PER 100 G	PER SERVING
Energy	300 kcal/1255 kJ	15 kcal/62.75 kJ
Protein	25.78 g	1.28 g
Glycaemic Carbohydrate	49 g	2.5 g
Of which total sugar	22.4 g	1.12 g
Total fat	2.86 g	0.14 g
Of which saturated fat	0.3 g	0.015 g
Dietary fibre	2.30 g	0.115 g
Total sodium	1.2 g	0.06 g

HEAVY METALS AND PESTICIDE SCREEN (SINGLE BATCH RESULT)

Mercury	0.012 ppm
Cadmium	0.049 ppm
Lead	0.432 ppm
Inorganic arsenic	0.219 ppm
Pesticide screen	Not detected by GC-MS/MS and LC-MS/MS, tested after 20:1 reconstitution
Basis	ICP-MS results for one batch. The certificate gives no specification limits for these.

RESERVED FOR ADDITIONAL INFORMATION

Further product details can be added in this block at a later date, for example certifications held, country-specific compliance notes or supporting documents such as a certificate of analysis.