

PRODUCT TECHNICAL DOSSIER

WHEATGRASS POWDER (WHEAT GRASS)(GLUTEN FREE)

Product Code:

P23020

Raw Material Full Name:

Wheat Grass Powder

Raw Material Full Botanical/Chemical/Latin/Trade Name/Synonyms:

Wheat

This material is Food Grade:

Yes

Vegan / Vegetarian Status:

Suitable

Ratio of Material:

100%

Particle Size:

150 Mesh

Loss on Drying:

Max 8%

Residue on Ignition:

Max 6%

Country of Origin:

China

Country of Origin of the Manufacture:

China

Base Source/Start Material:

Wheat Grass

Origin of Product – Synthetic, Plant, Mineral, Animal, Fish or Fermented:

Plant



Plant:

Wheat

Species used:

Wheat

Part of the plant used:

Grass

Shelf Life from Date of Manufacture:

Two years

Storage Conditions:

Store in cool & dry place at room temperature. Keep away from strong & direct light

Appearance (Fine/Crystals/Crystalline/Hygroscopic):

Fine Powder

Colour:

Green

Flavour/Taste:

Characteristic

Odour:

Characteristic

Microbiological Test

Total Viable Count:

NMT 100,000cfu/g

Yeast & Moulds:

NMT 300cfu/g

E. coli:

Negative

Salmonella:

Negative

Coliforms

NMT 500cfu/g



Staphylococcus Aureus

Negative

Heavy Metals

Lead (Pb):

NMT 3.0PPM

Cadmium (Cd):

NMT 1.0PPM

Mercury (Hg):

NMT 0.1PPM

Arsenic (As):

NMT 1.0PPM

There are no nuts in this recipe; however, we cannot guarantee that the raw materials entering the site are nut free.

Please note that surveillance testing may mean that not all the parameters stated on this specification are tested for every batch



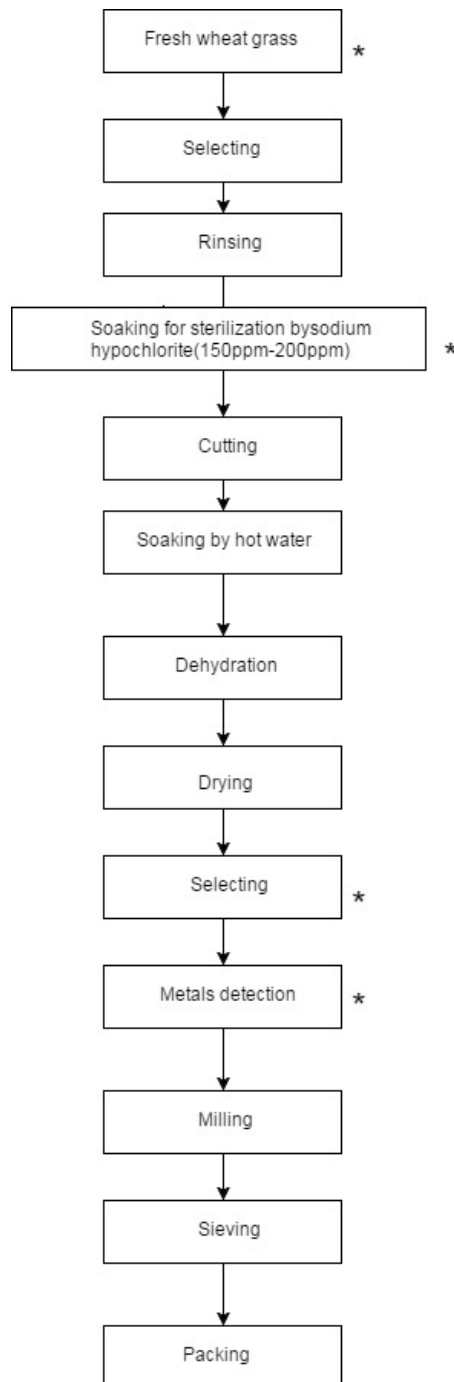
ALLERGENS	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	If YES, Please Comment
Peanuts and Peanut Derivatives (including possible cross contamination)	NO	NO	
Other Nut and Nut Derivatives <i>Almond (Amygdalus communis L.), Hazelnut (Corylus avellana), Walnut (Juglans regia), Cashew (Anacardium occidentale), Pecan nut (Carya illinoensis (Wangenh.) K. Koch), Brazil nut (Bertholletia excelsa), Pistachio nut (Pistacia vera), Macadamia nut and Queensland nut (Macadamia ternifolia)</i>	NO	NO	
Sesame Seeds and Sesame Seed Derivatives	NO	NO	
Other Seeds and Seed Derivatives (Poppy Seeds, Cotton Seeds, Sunflower Seeds)	NO	NO	
Milk and Milk Derivatives (including lactose)	NO	NO	
Egg and Egg Derivatives	NO	NO	
Cereals and Derivatives containing OR POTENTIALLY CONTAMINATED WITH Gluten <i>(wheat, wheatgrass, faro, freekeh, spelt, kamut, rye, oats, barley, barley grass)</i>	YES	YES	WHEATGRASS
Soya and Soya Derivatives	NO	NO	
Lupin and Lupin Derivatives	NO	NO	
Mustard and Mustard Derivatives	NO	NO	
Celery or Celery Derivatives (including Celeriac)	NO	NO	
Fish and Fish Derivatives	NO	NO	
Molluscs and their Derivatives	NO	NO	
Crustaceans and their Derivatives	NO	NO	
Sulphur Dioxide and Sulphites (E220, E228) at levels > 10mg/kg or 10mg/litre	NO	NO	



ADDITIVES / CONTAMINANTS / DIETARY REQUIREMENTS	Product Contains YES/NO	Listed Item on Site at Manufacturer YES/NO	If YES, Please Comment
Additives	NO	NO	
Antioxidants	NO	NO	
Ethylene Oxide	NO	NO	
Gelatine	NO	NO	
Flavourings (Artificial / Nature Identical / Natural / Smoked)	NO	NO	
Maize / Corn and any Derivatives	NO	NO	
Legumes / Pulses	NO	NO	
Rice and Rice Derivatives	NO	NO	
Added Salt	NO	NO	
Added Sugar / artificial or natural sweeteners	NO	NO	
Aspartame	NO	NO	
BHA / BHT (E320 / E321)	NO	NO	
Caffeine	NO	NO	
Colours (Artificial / Nature Identical / Natural / Smoked)	NO	NO	
Dextrose	NO	NO	
Dioxins	NO	NO	
MSG (Added and Naturally Occurring E621) or Glutamates (E620 to E625)	NO	NO	
Nucleotides (E627, E630, E631, E635)	NO	NO	
Polyols (sugar alcohols)	NO	NO	
Benzoates (E210 / E219)	NO	NO	
Sorbic Acid (E200, E203)	NO	NO	
Any other Preservatives	NO	NO	
Ethanol	NO	NO	
Honey	NO	NO	
Lactose	NO	NO	
Yeast and Yeast Derivatives	NO	NO	
All Animal Products (Beef, Pork, Poultry or other) and Derivatives (which may include growth/yield hormones, antibiotics etc.)	NO	NO	
Bovine Products or Derivatives (which may include growth/yield hormones, antibiotics etc.)	NO	NO	



PRODUCTION FLOW CHART



Note: Above marked * are the CCP (critical control point) in the process of product.



CONFIRMATION OF BSE/TSE STATUS

This is to certify that this product complies with all relevant current UK and EU Legislative requirements in regard to Transmissible Spongiform Encephalopathies (TSE) and Bovine Spongiform Encephalopathy (BSE) for human food, and so is free of TSE/BSE.

This is also to certify that, during the course of their manufacture, the above-mentioned product did not come into contact with any materials, which could be derived from TSE/BSE risk materials.

CONFIRMATION OF GM STATUS

This is to certify that this product is not manufactured from GM raw materials and is therefore not subject to labelling under regulations 1829/2003/EC and 1830/2003/EC.

CONFIRMATION OF NON IRRADIATION STATUS

This is to certify that this product, whole or in part, has not been subjected to Ionising Radiation as per European Directives 1999/3/EC.

CONFIRMATION OF NANDROLONE STATUS

This is to certify that this product, whole or in part, has not come into contact with Nandrolone or any of its precursors in any way.

CONFIRMATION OF IOC PRODUCT STATUS

This is to certify that this product, whole or in part, has not come into contact with any product/s, which is banned by the IOC (International Olympics Committee) and or WADA.

CONFIRMATION OF ANIMAL TESTING STATUS

This is to certify that all the products sold by Cambridge Commodities have not been tested on animals in any part of its manufacture in accordance with regulation 86/609/EEC.

CONFIRMATION OF PESTICIDES STATUS

This is to certify that the above-mentioned product complies with the regulation (EC) No.396/2005 of 23rd February 2005 and commission Regulation (EU) No. 559/2011 of 7th June 2011 amending annexes II and III of the above Regulation.

CONFIRMATION OF NANOPARTICLE STATUS

This is to certify that unless otherwise stated, the above-mentioned product is free of nanoparticles. Commission Recommendation 2011/696/EU, defines as follows: "'Nanomaterial' means a natural, incidental or manufactured material containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for 50 % or more of the particles in the number size distribution, one or more external dimensions is in the size range 1 nm - 100 nm".



MATERIAL SAFETY DATA SHEET

Section 1 Identification of the Substance/Mixture and of the Company/Undertaking

Product name: Wheat Grass Powder
 Company: Cambridge Commodities Limited
 Lancaster Way, Ely, Cambridgeshire, CB6 3NX
 Tel: 01353 667258. Email: qa@c-c-l.com

Section 2 Hazards Identification

PRIMARY ROUTES OF ENTRY	CARCINOGEN LISTED IN	HEALTH HAZARDS	MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Absorption Ingestion; inhalation	Not Listed	This mixture has not been tested as a whole. The mixture includes, however, ingredients at concentrations greater than or equal 1% which, undiluted, could present the following hazards to health: SKIN/EYES: May irritate skin & eyes INGESTION: No adverse effects anticipated INHALATION: No adverse effects anticipated	Not known for normal conditions of use

Section 3 Composition/Information on Ingredients

Wheat Grass Powder 100%

Section 4 Emergency and First Aid Measures

EYE CONTACT	SKIN CONTACT	INHALATION	INGESTION
Immediately flush with large amounts of water for at least 15 minutes.	N/A	Not Known	Not Known

Section 5 Fire-fighting measures

FLASH POINT	EXPLOSION HAZARDS	SPECIAL FIRE FIGHTING PROCEDURE	INCOMPATIBILITY (MATERIALS TO AVOID)	HAZARDOUS COMBUSTION PRODUCTS	EXTINGUISH MEDIA	HAZARDOUS POLYMERIZATION
N/A	None Known	Use	Oxidizing	Burning generates CO, CO ₂ , irritating smoke	Water Fog CO ₂ Foam	Will not occur

Section 6 Accidental Release Measures

IF RELEASED OR SPILLED	WASTE DISPOSAL METHOD
Soak up spills with absorbent media; collect in containers for disposal. Avoid open flame or other sources of ignition.	Treat, store, and dispose in accordance with Federal, State, and Local regulations. Material is biodegradable and maybe treated via sanitary waste treatment plant or approved sanitary landfill.

Section 7 Handling and Storage

No Data Available

Section 8 Exposure Controls/Personal Protection

RESPIRATORY PROTECTION	HANDLING AND STORAGE PRECAUTIONS	OTHER PROTECTIVE CLOTHING AND EQUIPMENT	HYGIENIC WORK PRACTICES	ENGINEERING CONTROLS
Dust mask	Keep containers closed.	Protective gloves.	Wear standard work gloves, standard process and lab ware and hats	Provide adequate ventilation. Eyewash and safety showers should be easily accessible.

Section 9 Physical and Chemical Properties

APPEARANCE & ODOR	SPECIFIC GRAVITY (@20/20°C)	SOLUBILITY IN WATER	MELTING POINT	BOILING POINT	VAPOR PRESSURE	EVAPORATION RATE	VAPOR DENSITY (AIR=1)
Fine	N/A	Dispersible	Not Known	N/A	N/A	N/A	N/A

Section 10 Stability and Reactivity

No Data Available

Section 11 Toxicological Information

No Data Available

Section 12 Ecological Information

No Data Available

Section 13 Disposal Considerations

No Data Available

Section 14 Transport Information

No Data Available

Section 15 Regulatory Information

No Data Available



Section 16 Other Information

This advice is given by Cambridge Commodities Ltd who accepts no legal liability for it. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

Individuals working with chemicals should consider all chemicals to be potentially hazardous even if their individual hazards may be uncharacterised or unknown.


This Information provided in this document is subject to change and the batch specific Certificate of Analysis should always be referenced.

To be used as per local legislation.

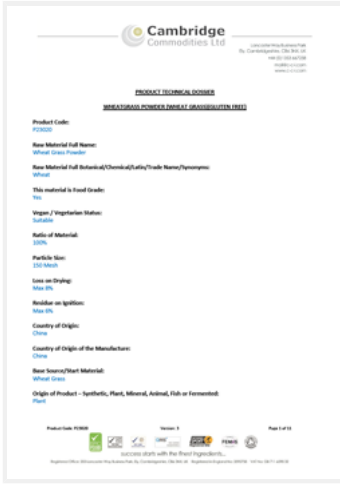
Change History

Version	Change	Customer Notification required Yes / No
1	First Issue	N/A
2	Specification for loss on drying changed from 6% to max 8%, residue on ignition changed from 5% to max 6% and Coliforms NMT 100cfu/g to NMT 500cfu/g.	Yes
3	Added gluten free to name	no

Document Approval

Originator Job Title	QC Technician	Approver Job Title	Quality Specialist
<i>Alan Featham</i>		 Shannon McKenna (Oct 20, 2017)	











P23020 Wheat Grass Powder Technical Dossier

Adobe Sign Document History

10/20/2017

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By:	Alan Feetham (alan.feetham@c-c-l.com)
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