

<b>09-03-1001DOC</b>	<b>Technical Data Specification</b>
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<b>Product Code:</b>	BULK01CHAGA	<b>Technical Data Specification ID:</b>	TDS-BULK01CHAGA	<b>Issue:</b>	2
<b>Product Name:</b>	ORGANIC CHAGA MUSHROOM POWDER			<b>Date:</b>	09/07/2024

**COMPANY IDENTIFICATION**

COMPANY NAME                    Healthy Story LLP  
 COMPANY ADDRESS                27 Old Gloucester Street, London, WC1N 3AX, United Kingdom  
 CONTACT DETAILS                Tel: +44 800 048 5030            Email: info@zdravaprica.com

**PRODUCT INFORMATION**

BOTANICAL NAME                Inonotus obliquus  
 COUNTRY OF ORIGIN            China

BRIEF DESCRIPTION            Typically found on birch trees across the northern hemisphere, in colder climates, the chaga mushroom has been used as a herbal medicine for centuries. Known as ‘black gold’, chaga is a treasure trove of nutrients and has been traditionally used for all types of ailments, from fighting inflammation to boosting the immune system. Chaga mushrooms are rich in beta-glucans, and are high in fibre. We use only the fruiting-body of the mushroom (not the mycelium), as this is the most nutrient-rich part of the mushroom, where the most beta-glucans are found. The mushroom’s naturally sweet taste means it can be enjoyed as a tea.

Our Organic Chaga Mushroom Powder, certified to EU organic standards according to Regulation (EU) 2018/848 and Great British Organic Standards by the Soil Association under the code GB-ORG-05.

INGREDIENTS                      100% Organic Mushroom Powder

INTENDED USE                    Food Supplement / Dietary supplement

SUGGESTED USE                 ½ tsp to 1 tsp per day. Please consult your doctor before taking any nutrient-dense products

PACKAGING/ NET WEIGHT      Food Contact, polythene liner – 5 Kg/20Kg

SHELF LIFE & STORAGE        36-Months shelf life when stored in a cool dry place.

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Nutrition	per 100g	Unit
Energy	757/186	kJ/kcal
Fat	0.3	g
of which Saturates	0	g
of which mono-unsaturated	0	g
of which polyunsaturated	0	g
Carbohydrate	12	g
of which sugars	0	g
Fibre	63	g
Protein	2.7	g
Salt	0.04	g

*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.*

**ORGANOLEPTIC PROPERTIES**

<i>Appearance/Texture</i>	Fine Powder
<i>Flavour</i>	Characteristic
<i>Aroma</i>	Characteristic
<i>Colour</i>	Brown to black powder

**PHYSICAL CHARACTERISTICS**

<i>Sieve Size</i>	100 Mesh
<i>Foreign Materials</i>	Absent
<i>Solubility</i>	N/A
<i>Density</i>	N/A

**CHEMICAL CHARACTERISTICS**

<i>Moisture</i>	<10%
<i>Ash</i>	<15%
<i>Water Activity</i>	N/A

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**MICROBIOLOGICAL CHARACTERISTICS**

Name	Maximum Limit	UoM
<i>Plate Count</i>	≤100000	cfu/g
<i>Yeast &amp; Mold</i>	≤1000	cfu/g
<i>E. Coli</i>	< 10	cfu/g
<i>Salmonella</i>	Not Detected	/25g
<i>Bacillus Cereus</i>	<100	cfu/g
<i>Listeria Monocytogenes</i>	Not Detected	/25g
<i>Clostridium Perfringens</i>	<100	cfu/g
<i>Staphylococcus Aureus</i>	<20	cfu/g
<i>Enterobacteriaceae</i>	< 10	cfu/g

**DIETARY INFORMATION**

Diet	Suitable For	Certified?	Comments
Organic	Yes	Yes	
Vegetarian	Yes	Yes	
Vegan	Yes	Yes	
Jewish / Kosher	Yes	Yes	
Muslim / Halal	Yes	No	Suitable but not certified

**ALLERGEN STATEMENT**

We hereby certify that this product sold by Healthy Story LLP does not contain any substances causing allergies or intolerances as ingredients or by possibility of cross contamination. 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. Please note that this statement is based on the information provided by the manufacturer of the product.

ALLERGEN COMPONENT	PRESENT  (As an Ingredient)	ABSENT AS INGREDIENT  (On Same Line)	PRESENT IN PROCESSING PLANT	SOURCE OF ALLERGEN
Celery & product there	No	No	No	-
Cereals Containing Gluten	No	No	No	-
Crustaceans	No	No	No	-
Eggs	No	No	No	-
Fish	No	No	No	-
Lupin	No	No	No	-
Milk	No	No	No	-
Molluscs	No	No	No	-
Mustard	No	No	No	-
Nuts	No	No	No	-
Peanuts	No	No	No	-
Sesame Seeds	No	No	No	-

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Soybeans	No	No	No	-
Sulphur Dioxide & Sulphites	Yes	No	No	Naturally Occurring sulphites may be present
Comments:	Complete segregation in place			

**CONTAMINANTS**

Heavy Metals (lead, cadmium, mercury, tin, arsenic)  
Mycotoxins (aflatoxins, ochratoxin A, patulin)  
Nitrates  
Polycyclic Aromatic Hydrocarbons (PAH)

According to Regulation (EC) No 2023/915  
According to Regulation (EC) No 2023/915  
According to Regulation (EC) No 2023/915  
According to Regulation (EU) No 2023/915

**PACKAGING**

<i>Packaging description</i>	<b>Pe Bag, Aluminum Foil Bag, Cardboard box</b>		
<i>Pack size</i>	20kg		
<i>Objective Criteria</i>	N/A		
<b>Material Specification</b>			
<i>Primary packaging</i>	<b>Pe Bag, Aluminum Foil Bag</b>		
<i>Print (Litho/Flexo)</i>	N/A		
<i>Colours</i>	Clear food grade PE bag, silver foil bag		
<i>Material</i>	Plastic PE		
<i>Packaging dimension in mm (L*W*H)</i>	Clear food grade bag - 800 x 450 x 1 Silver Foil bag - 700 x 480 x 0.1	<b>Thickness</b>	0.1mm
<i>Weight of packaging</i>	0.1kg		
<i>Content of plastic food contact material (%)</i>	100%	<i>Content of metal &amp; rubber (%)</i>	N/A
<i>Recyclability</i>	Not recycled		
<i>Lamination/Layers</i>	Yes, 3 Layers	<b>Coating</b>	N/A
<i>Sealing method</i>	Heat Seal		
<i>Secondary packaging</i>	Cardboard Box		
<i>Print (Litho/Flexo)</i>	N/A		
<i>Colours</i>	Yellow to Brown		
<i>Material</i>	Paper/Board – corrugated		
<i>Packaging dimension in mm (L*W*H)</i>	580 x 480 x 280	<b>Thickness</b>	10mm

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<i>Weight of packaging</i>	2kg				
<i>Content of plastic food contact material (%)</i>	0%	<i>Content of metal &amp; rubber (%)</i>	N/A		
<i>Recyclability</i>	100% Recycled				
<i>Lamination/Layers</i>	N/A	<i>Coating</i>	N/A		
<i>Sealing method</i>	Sealed with tape				

**Quality, Regulatory & Brand Integrity Compliance**

Category	Compliance Criteria	Yes/No/N/A
Good Manufacturing Standards	The packaging meets hygiene and traceability requirements Regulation (EC) No. 2023/2006 on good manufacturing practice. FCMs should be manufactured in compliance with general and detailed rules on good manufacturing practice (GMP).	Yes
Paper & board	Quality assurance system, quality control system, and documentation system is established, implemented, and maintained. The packaging supplier is GFSI certified to demonstrate GMP in the manufacturing process.	No
Printed packaging	The packaging is chlorine free (TCF) or elemental chlorine free (ECF)	Yes
	Photo initiators –including benzophenone (4 methyl benzophenone) are not used	Yes
	Acrylamide is not used in printers and board mills	Yes
Packaging chemical migration test	low odour and migration inks and varnishes to ensure migration legislative limits on benzophenone and its derivatives are met	N/A
	ITX is not used as a photo initiator in printed inks	N/A
Non-intentionally added substances (NIAS)	Migration tests for packaging materials available.	Yes
	The packaging migration test include all legislatives chemical and Tinuvin UV absorber, phthalates and monomers – SVHCs Phthalates in plastic foils and bags	Yes
Nano particles	The packaging is free from impurities that may be non-intentionally added to food-contact packaging material including substances such as contaminants, reaction and degradation products	Yes
PVC & PVCD	The packaging does not contain or consist of engineered nanoparticles	Yes
Mineral Oil Hydrocarbons	The plastic material is free from PVC	Yes
Chemical substance of very high concern (SVHC)	Migration of Mineral Oil Hydrocarbons (MOH), must meet German MOSH Benchmark Levels (send test report) and EU limits on MOAH	Yes
	The packaging does not contain or use acrylamides, novolac glycidyl ethers, perfluorooctane sulphonate, phthalates, NOGE, PFOS & PFOAS, PVC and Derivatives, Semi-carbazides, 4-methylbenzophenone	Yes
Additives	The material complies with EU food contact material legislation and does not contain dual additives chemicals e.g., Phosphoric Acid or Sulphur Dioxide	Yes
Recycled plastics	Comply with New Regulation (EU) 2022/16161 on recycled plastic materials and articles intended to come into contact with foods.	N/A
Bisphenol A	Does the packaging material for organic raw material contain Bisphenol in plastics and epoxy resin?	No
Metallized & rubber packaging e.g., foil bags	Packaging material does not contain Bisphenol and meet the limits Bisphenol A (BPA) BADGE, BFDGE, <b>NODGE</b>	Yes

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Compostable packaging

The compostable/biodegradable packaging complies with European Standard for Compostable Packaging (EN13432)

N/A

The packaging is in accordance with the EU Legislation:

- Council Directive on Packaging and Packaging Waste 94/62/EC and its consecutive amendments.
- Commission Regulation (EC) No 1935/2004 on Materials and Articles Intended to Come into Contact with Food and its consecutive amendments.
- Commission Regulation (EU) No 10/2011 on Plastic Materials and Articles Intended to Come into Contact with Food and its consecutive amendments.

**NOVEL FOOD**

- The fruiting body of the mushroom is authorised to trade as food supplement.
- Any other food uses of this product, other than as, or in, food supplements, might be considered to be novel and consequently might need to be authorised pursuant to the requirements of the Novel Food Regulation (EU) 2015/2283 before they can be placed as food on the EU market

**GMO FREE**

This product 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 this product is not subject to labelling under EU Regulations 1829/2003/EC and 1830/2003/EC on genetically modified food and feed.

**WADA Statement**

We declare that our products do not contain any of the substances mentioned in the Yearly updated “Prohibited List” from the World Anti-Doping Agency.

**PESTICIDES**

This product complies with the requirements outlined in Regulation (EU) 2018/848 of the European Parliament and of The Council (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 AND ETHYLENE OXIDE**

We declare that the product listed above is not treated with ionizing radiation (r2) or ethylene oxide (EtO) for any purposes and as such are free of gamma ray and ethylene oxide residue and complies with the EU regulation 1999/3/EC

**BSE STATEMENT**

This product is manufactured 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**

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No residual solvents are used in the manufacturing process.

**LEVEL OF UNDESIRABLE SUBSTANCES**

The strictly controlled production process of this product ensures that the undesirable substances levels (heavy metals, PAH, mycotoxins, etc.) are below the limits identified by EU legislation (No 2023/915 on maximum levels for certain contaminants in food and consecutive amendments, Commission Regulation No 2073/2005, including the recommendations provided by EFSA on food contaminants).

**ANIMAL TESTING STATEMENT**

Healthy Story LLP confirms that we do not conduct or commission animal testing of any products.

**ENDANGERED SPECIES OF FAUNA AND FLORA**

None of our products are listed as banned on the world Convention on International Trade of Endangered Species of Fauna and Flora (CITES).

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**PROCESS FLOW**



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**MATERIAL SAFETY DATA SHEET**

<b>INGREDIENTS</b>	100% Organic Chaga Mushroom Powder
<b>HAZARD IDENTIFICATION</b>	Not classed as hazardous
<b>FIRST AID MEASURES</b>	
GENERAL	Take affected persons out into fresh air
SKIN	Wash with soap and rinse with plenty of water.
INGESTION	Seek medical attention if required.
INHALATION	Remove exposure. Seek medical attention if required.
EYES	Wash out with plenty of water / eye solution. Seek medical attention if irritation persists
<b>FIRE FIGHTING MEASURES</b>	
EXTINGUISHING MEDIA	Use appropriate media relating to other components of fire- can use: water spray, foam, dry chemical or carbon dioxide.
SPECIAL HAZARDS OF PRODUCT	Not Flammable
PROTECTIVE EQUIPMENT FOR FIREFIGHTING	Wear full protective clothing and self-contained breathing apparatus.
<b>ACCIDENTAL RELEASE MEASURES</b>	
SPILLAGES	Treat as any other food material
PERSONAL PRECAUTIONS	Avoid formation of dust
ENVIRONMENTAL PRECAUTIONS	Minimize contamination of drains, surface and ground waters.
DISPOSAL	Product can be taken to waste disposal according to local regulations
<b>HANDLING AND STORAGE</b>	
HANDLING	Handle under good hygiene procedures as with any food material.
STORAGE	Store away from air, heat and light exposure. Store in original container in cool area, under cover.

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**EXPOSURE CONTROL / PERSONAL PROTECTION**

GENERAL PROTECTION	Do not eat, drink or smoke whilst working. Wash hands before break at end of work
BODY PROTECTION	Normal work wear
SKIN PROTECTION	Rubber / PVC gloves
EYE PROTECTION	Chemical goggles (EN166)
RESPIRATORY PROTECTION	As it is powder form- respiratory protection may be required

**PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE	Powder
SOLUBILITY IN WATER	Insoluble
AUTO-FLAMMABILITY	No

**STABILITY AND REACTIVITY**

STABILITY	Stable under normal conditions. Avoid exposure to air, light and humidity.
CONDITIONS TO AVOID	None Identified.

**TOXICOLOGY INFORMATION**

Not applicable

**ECOLOGICAL INFORMATION**

This product is ultimately biodegradable.

**DISPOSAL CONSIDERATIONS**

Dispose of according to relevant local / national guidelines.

**TRANSPORT INFORMATION**

Non-hazardous for air, sea and road freight.

**REGULATORY INFORMATION**

No data

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**ADDITIONAL INFORMATION**

This Product is 100% Natural; it is not considered hazardous.

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.

**DISCLAIMER**

- The information in this document is believed to be true and accurate at the time of creation, however all statements contained in this document are made without warranty. 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.
- The entirety of the potential methods of use is not within our control and therefore no responsibility or liability will be assumed for use of this product.
- Our product specification may be subject to change without notice.

Version No:	Review Date:	Reason for the change	Changed by:	Authorized by:
1	27/03/2023	Merging previous specifications documents - Product Specification GO642, issue 1, issued 30/07/2020 / - Material Safety Data Sheet GO478, Issue 1.1, Issued 01/09/2021 / - Technical Data Sheet, Go482, Issue 2 Issued 05.02.2021 into one document. No food safety data changes involved.	E. Frydrych	T. Kufa
2	27/06/2024	Updating of statements	D. Krishnan	T. Kufa

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**Specification Agreement and Authorization**

Please sign and return this page within 14 days of receipt of the specification.

If after a total of 28 days from the receipt of the specification we have not received either the signed acceptance page or discussed and recorded any derogation or deviation from this specification, we will deem that the specification has been accepted.

No further contact regarding formal approval of this specification will be made.

Supplier	Name	Position	Signature	Date
Go Superfoods Limited	Takudzwa Kufa	Technical & Operations Director	<i>T. Kufa</i>  I have authorized this form electronically	09/07/2024
Customer	Name	Position	Signature	Date



# Certificate of Conformance

## Batch Information

Full Product Name: Organic Chaga Powder  
Batch Number: 151Y312  
Expiry Date: 17/01/2027

Please find below our batch specific analysis results based on a representative composite sample of product which is generated by a risk assessed internal sampling schedule.

## Organoleptic Results

Test Item	Result
Appearance:	Conforms
Colour:	Conforms
Odour:	Conforms
Taste:	Conforms

## Physical Results

Test Item	Result	Units
Moisture	<10	%

## Microbiological Results

Test Item	Result	Units
Aerobic Plate Count:	10000	cfu/g
Clostridium Perfigens:	<10	cfu/g
Staphylococcus Aureus:	<20	cfu/g
Enterobacteriaceae	<10	cfu/g
Escherichia Coli:	<10	cfu/g
Coliform Bacteria:	<10	cfu/g
Listeria Species:	Not Detected	/25g

Total Moulds:	<20	cfu/g
Total Yeasts:	<20	cfu/g

Bacillus Cereus:	<20	cfu/g
Salmonella:	Not Detected	/25g

Test Item	Result	Units
Arsenic:	0.07	mg/kg
Cadmium:	0.11	mg/kg
Lead:	0.28	mg/kg
Mercury:	0.01	mg/kg

## Chemical Contamination Results

Pesticides:	Not Detected	mg/kg
PAH:	1.05	µ/kg

Sulphur Dioxide:	<10	ppm
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Ethylene Oxide:	Not Detected	mg/kg
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Issue Date: 20/08/2024

Approved by Quality Team