



Specification Sheet

Product Name: Lion's mane Extract50

Latin Name: *Hericium erinaceus*

Product classification: Extract from cultivated mushroom fruiting bodies.

Label: Conventional

Product code: He50

Description: Mushroom extract in powder form obtained by extraction of *Hericium erinaceus* fruiting bodies, standardized to 50% polysaccharides content. Produced and handled according to EU food standards.

General Information

Ingredients	100% Mushroom extract standardized to 50% polysaccharides (UV tested)
Part of Fungus used	Fruiting Bodies
Extraction method	Hot Water
Solvent Used	Hot Water
Extraction ratio	15:1 – 17:1 (for reference, varies)
Processing	Crushing mushroom fruiting bodies to chunks, pre-extraction preparation, extracting with purified hot water, separation, initial filtration, initial concentration, secondary filtration, secondary concentration, spray-drying.
Origin of raw material	China
Storage	In a cool and <u>dry</u> place, away from direct sunlight.
Shelf Life	<u>48 months</u>
GMO	NO
Irradiation	NO
Allergens	Free from allergens or allergens cross-contamination as per Regulation (EU) No 1169/2011
Nanoparticles	NO
Suitable for human consumption	YES
Uses	As ingredient for food and beverages, functional foods, food supplements, cosmetics; animal nutrition.
Nutritional values per 100g	



Energy	379kcal
Carbohydrates	77g
Of which sugar	41g
Fat	0.5g
Saturated fatty acids	0.1g
Protein	16.2g
Fibre	3.3g
Ash	5.2g
Sodium	0.02g

Physical Character

Colour	Dark Toffee
Odour	Characteristic
Taste	Bitter
Appearance	Fine powder 100% trough mesh 100
Bulk Density	48g/100m

*each batch varies +/- 3g/100ml

Microbiological quality

Total bacterial count (cfu*/g)	<10000
Yeast and moulds (cfu/g)	<1000
E. Coli	<100
Salmonella	Absent
Staphylococcus	Absent

*cfu : colony-forming units

Heavy metals

Lead (as Pb)	≤ 2.0 mg/kg
Cadmium (as Cd)	≤ 0.1 mg/kg
Mercury (as Hg)	≤ 0.1 mg/kg



Pesticides

Complies with the European regulations VO396/2005 and VO1881/2006.

Identification

By non-recurring batch numbers.

Trade company:

Good Mushroom Nutrition Limited Ltd.

Registered in England & Wales Reg. No 10302770

Kemp House, 152-160 City Road, EC1V 2NX, London, UK.

Analytical values

Analysis data sheets can be provided for each batch upon request.