

Raw material specification

Product Name: Hericium erinaceus Extract
Specification: Polysaccharides > 30%
Valid from: 01.01.2024

General specifications

Binomial name Hericium erinaceus
Part used Fruitbody
Country of origin China
Extraction agent Water Extraction
Extraction ratio 18:1
Method of Production and Processing Water Extraction
Processing Grinding Fruiting body, metal detection, Water Extraction, Concentration, Spray drying, Sieving
Halal and Kosher certification. Confirmation Free from solvent residues.
Composition 100 % extract

Technical specifications

Test name	Method	Specification	Remarks
Appearance	Visual	moderate brown fine powder	complies
Different. Powder / Extract	Microscopy / other	Extract	complies
Polysaccharides	UV (ultraviolet spectrophotometry)	> 30 %	complies
Loss on drying	5g 100°C / 2.5hrs	< 7 %	complies
Ash	2g 525°C / 3hrs	< 9 %	complies
Particle Size	Screen	80 mesh	complies

Contaminants

Heavy Metals	Specification	Information
Lead	< 1 mg / kg	EU reg. 2023/915
Cadmium	< 1 mg / kg	EU reg. 2023/915
Mercury	< 0.1 mg / kg	EU reg. 2023/915
Arsenic	<1 mg / kg	EU reg. 2023/915

Contaminants		
Pesticides	complies EU standard	EU reg. 396/2005, 2023/915
Microbiology		
TAMC (TPC)	< 10,000 cfu / g	
TYMC (Yeast & Mould)	< 100 cfu / g	
E. coli	absent / 25 g	
Salmonella	absent / 25 g	
Staphylococcus	absent / 25 g	
Solvent residues	Absent	
Others:		
GMO	none GMO	EU reg. 1829/2003, 1830/2003
Irradiation	no irradiation used	EU DIRECTIVE 1999/3/EC
Ionizing radiation	no Ionizing radiation used	
Nano	no nano particles contained	
Confirmation of product-contact materials	Confirmed	Regulation (EC) No 2023/2006
PAHs	Complies EU standard	EU reg. 2023/915
Ethylene oxide, 2-chloroethanol, tropane alkaloids, pyrrolizidine alkaloids	Absent	
Confirmation of no novel food	Confirmed	
Confirmation acc. to Reg (EU)	Confirmed	EU Reg. No 37/2010
Basic hygiene	Confirmed	according to Regulations (EC) No 852, 853, 854
Confirmation of vegan	Confirmed	
Safety	this product is safe for human consumption	for the use in food and food supplements

Shelf life and storage conditions	
Shelf life	36 months when properly stored
Storage parameters	Store at room temperature or lower, keep tightly closed, protect from light, humidity and insects

Packaging	
Confirmation of the pack.	confirmed according to 1935/2004
External Packaging	Paper drum or Paper carton
Inner-Packaging	Filled in PE-bag, filled in second PE bag or Aluminium foil bag.
PE/Aluminium Bags	food grade, according to Regulation (EU) No 10/2011

Allergens declaration according to Regulation (EU) No 1169/2011	
Allergens	this product contains no allergens.