

Specification



Specification No.: QM1000216
Version: 4
Valid from: 27.12.22

Item No.: MR100151
Item Description: Hericium Glucan extract
35% Beta Glucan + >20% Polysaccharide

General specifications

Specification	Value
Botanical name	Hericium erinaceus
Part used	Fruitbody
Extraction agent	Water
Extraction ratio	100:1-110:1
Composition	100% extract

Technical specifications

Test name	Method	Specification	Remarks
Appearance	Visual	Yellow brown fine powder	complies
Different. Powder / Extract	Microscopy / other	Extract	complies
Polysaccharides	SEC acc. to PV_R_0080	>= 20%	complies
Beta Glucanes	Enzymatic. acc. to PV_R_0085	>= 40 %	complies
Alpha Glucanes	Enzymatic. acc. to PV_R_0085	<= 10 %	complies
Loss on drying	5g 100°C / 2.5hrs	2 - 6 %	complies
Ash	2g 525°C / 3hrs	>= 8 %	complies
Particle Size	Screen	60-72 mesh	complies

Contaminants

Contaminant	Specification	Information
Lead	≤ 2 mg / kg	acc. to EU reg. 1881/2006
Cadmium	≤ 1,0 mg / kg	acc. to EU reg. 1881/2006
Mercury	≤ 0,1 mg / kg	acc. to EU reg. 1881/2006
Pesticides	complies EU standard	acc.to EU reg. 396/2005, 1881/2006
TAMC (TPC)	< 100.000 cfu / g	
TYMC (Yeast & Mould)	< 5.000 cfu / g	
E. coli	absent / 25g	
Salmonella	absent / 25g	
Staphylococcus	absent / 25g	
GMO	none GMO	acc. to EU reg. 1829/2003, 1830/2003
Irradiatoin	no irradiation used	acc. to EU DIRECTIVE 1999/3/EC
Nano	no nano particles contained	div. EU reg.

Contaminant	Specification	Information
PAH	complies EU standard	acc. to EU reg. 1881/2006
Safety	this product is safe for human consumption	for the use in food and food supplements

Shelf life and storage conditions

Shelf life	4 years when properly stored
Storage parameters	Store at room temperature or lower, keep tightly closed, protect from light, humidity and insects

Packaging

Packaging	25kg / drum; paper drum
Inner-Packaging	filled in PE-bag, filled in second PE bag
PE Bags	food grade

Allergens declaration according to LMIV

Allergen	contained in product	Note
Gluten-containing grain (wheat, rye, barley, oats, spelt...	No	
Crustaceans / shellfish or products thereof	No	
Eggs or products thereof	No	
Fish or products thereof	No	
Lupins or products thereof	No	
Milk or Milk products (including lactose)	No	
Molluscs or products thereof	No	
Nuts or products thereof	No	
Sesame seeds or products thereof	No	
Peanuts or products thereof	No	
Soyabeans or products thereof	No	
Celery and celeriac	No	
Mustard or products thereof	No	
Sulphur dioxide and sulphites	Yes	naturally occurring