

Raw material specification

Product Name: Reishi Extract
Specification: Polysaccharides > 30 %, Triterpene > 4 %
Valid from: 01.01.2024

General specifications

Binomial name Ganoderma lucidum
Part used Fruitbody
Country of origin China
Extraction agent Ethanol Solution
Extraction ratio 24:1
Method of Production and Processing Ethanol Extraction, Water Extraction
Processing Grinding Fruiting body, metal detection, Ethanol Extraction, Water Extraction, Concentration, Water Precipitation, Oven Drying, Blending, Sieving
Halal and Kosher certification. Free from solvent residues.
Confirmation
Composition 100 % extract

Technical specifications

Test name	Method	Specification	Remarks
Appearance	Visual	claybank fine powder	complies
Different. Powder / Extract	Microscopy / other	Extract	complies
Polysaccharides	UV (ultraviolet spectrophotometry)	> 30 %	complies
Triterpene	UV (ultraviolet spectrophotometry)	> 4 %	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
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Microbiology

TAMC (TPC)	< 10,000 cfu / g
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TYMC (Yeast & Mould)	< 100 cfu / g
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E. coli	absent / 25 g
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Salmonella	absent / 25 g
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Staphylococcus	absent / 25 g
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Solvent residues	Absent
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Others:

GMO	none GMO	EU reg. 1829/2003, 1830/2003
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Irradiation	no irradiation used	EU DIRECTIVE 1999/3/EC
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Ionizing radiation	no ionizing radiation used
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Nano	no nano particles contained
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Confirmation of product-contact materials	Confirmed	Regulation (EC) No 2023/2006
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PAHs	Complies EU standard	EU reg. 2023/915
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Ethylene oxide, 2-chloroethanol, tropane alkaloids, pyrrolizidine alkaloids	Absent
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Confirmation of no novel food	Confirmed
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Confirmation acc. to Reg (EU) No	Confirmed	EU Reg. No 37/2010
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Basic hygiene	Confirmed	according to Regulations (EC) No 852, 853, 854
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Confirmation of vegan	Confirmed
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Safety	this product is safe for human consumption	for the use in food and food supplements
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Shelf life and storage conditions

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

Confirmation of the pack.	confirmed according to 1935/2004
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External Packaging	Paper drum or Paper carton
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Inner-Packaging	Filled in PE-bag, filled in second PE bag or Aluminium foil bag.
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PE/Aluminium Bags	food grade, according to Regulation (EU) No 10/2011
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Allergens declaration according to Regulation (EU) No 1169/2011

Allergens	this product contains no allergens.
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