

# Specification

**Specification No.:** QM1000137  
**Version:** 4  
**Valid from:** 23.12.22

**Item No.:** MR100036  
**Item Description:** Organic Shiitake extract 30%  
Bulk

## General specifications

Specification	Value
Botanical name	Lentinus edodes
Product classification	Cultivated mushroom
Part used	Fruit body
Origin of raw material	China
Solvent	Water
Extraction ratio	10:1 - 12:1 (indicative)
Method of Production and Processing	Organic production according to EU/VO 834/2007 and EU/VO 889/2008
Certifying body	LACON Germany (DE-OEKO-003)
Processing in China	Grinding fruitbodies, metal detection ferrous 0,5-2 mm, extracting with hot water, centrifuging, spray-drying

## Technical specifications

Test name	Method	Specification	Remarks
Appearance	Visual	Fine powder, yellow	complies
Different. Powder / Extract	Microscopy / other	Extract	complies
Polysaccharides	UV / Other	> 30%	complies
Loss on drying	Dryer	< 5%	complies
Ash	Dryer	< 10%	complies
Bulk Density	Ph. Eur. 2.9.34	0,44-0,60 g/ml	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, 889/2008 and BNN Norm
TAMC (TPC)	< 100.000 cfu / g	
TYMC (Yeast & Mould)	< 5.000 cfu / g	
E. coli	absent / 25g	

Contaminant	Specification	Information
Salmonella	absent / 25g	
Staphylococcus	absent / 25g	
GMO	none GMO	acc. to EU reg. 1829/2003;1830/2003
Irradiation	no irradiation used	acc. to EU DIRECTIVE 1999/3/EC
Nano	no nano particles contained	div. EU reg.
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, 5 kg/ PE-bag, 1kg/ PE-bag
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

## Nutritional values

	<b>per 100g</b>
Energy	1198 kJ / 285 kcal
Protein	22.9 g
Carbohydrates	34.7 g
Sugar	8.6 g
Fat	< 0.3 g
Saturated fatty acids	< 0.1 g
Fibre	26.8 g
Ash	11.2 g
Sodium	< 0.1 g