

# Specification

**Specification No.:** QM1000098  
**Version:** 2  
**Valid from:** 17.03.20

**Item No.:** MR100015  
**Item Description:** Organic Chaga extract 30%  
Bulk

## General specifications

Specification	Value
Botanical name	Inonotus obliquus
Product classification	Wild collected mushroom
Part used	Fruit body
Origin of raw material	China
Solvent	Water
Extraction ratio	9:1 - 11:1 (indicative)
Method of Production	Collected in the north east of China on birch trees. 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 0,5-2mm, extracting with hot water, centrifuging, spray-drying

## Technical specifications

Test name	Method	Specification	Remarks
Appearance	Visual	Fine powder, brown-black	complies
Different. Powder / Extract	Microscopy / other	Extract	complies
Polysaccharides	UV / Other	> 30%	complies
Loss on drying	Dryer	< 5%	complies
Ash	Dryer	< 25%	complies
Bulk Density	Ph. Eur. 2.9.34	0,39-0,57 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	

Contaminant	Specification	Information
E. coli	< 100	
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 1991/3/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, 5kg / 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	No	

## Nutritional values

	<b>per 100g</b>
Energy	856 kJ / 207 kcal
Protein	3.3 g
Carbohydrates	23.7 g
Sugar	< 0.2 g
Fat	< 0.3 g
Saturated fatty acids	< 0.1 g
Fibre	48.9 g
Ash	22.2 g
Sodium	< 0.1 g