

Specification

Specification No.: QM1000139
Version: 6
Valid from: 23.12.22

Item No.: MR100043
Item Description: Organic Tremella fuciformis extract 30%
Bulk

General specifications

| Specification | Value |
|-------------------------------------|---|
| Botanical name | Tremella fuciformis (German: Silberohr) |
| Product classification | Cultivated mushroom |
| Part used | Fruit body |
| Origin of raw material | China |
| Solvent | Water |
| Extraction ratio | 8:1 - 10:1 (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, beige | complies |
| Different. Powder / Extract | Microscopy / other | Extract | complies |
| Polysaccharides | UV / Other | > 30% | complies |
| Loss on drying | Dryer | < 7% | complies |
| Ash | Dryer | < 15% | complies |
| Bulk Density | Ph. Eur. 2.9.34 | 0,43-0,61 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

| | per 100g |
|-----------------------|-------------------|
| Energy | 1576 kJ / 371kcal |
| Protein | 0.51 g |
| Carbohydrates | 91.5 g |
| Sugar | 4.63 g |
| Fat | < 0.3 g |
| Saturated fatty acids | < 0.1 g |
| Fibre | 1.49 g |
| Ash | 0.63 g |
| Sodium | 0.08 g |