

# Specification

**Specification No.:** QM1000118  
**Version:** 4  
**Valid from:** 23.12.22

**Item No.:** MR100030  
**Item Description:** Organic Maitake extract 30%  
Bulk

## General specifications

| Specification                       | Value   |
|-------------------------------------|---|
| Botanical name                      | Grifola frondosa  |
| Product classification              | Cultivated mushroom   |
| Part used                           | Fruit body  |
| Origin of raw material              | China   |
| Solvent                             | Water   |
| Extraction ratio                    | 11:1 - 13:1 (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, brown-orange | 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    | 0,33-0,54 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                | 1349 kJ / 319 kcal |
| Protein               | 27.2 g             |
| Carbohydrates         | 44.0 g             |
| Sugar                 | 6.0 g              |
| Fat                   | < 0.3 g            |
| Saturated fatty acids | < 0.1 g            |
| Fibre                 | 16.6 g             |
| Ash                   | 8.8 g              |
| Sodium                | < 0,1 g            |