

# Specification



**Specification No.:** QM1000114  
**Version:** 3  
**Valid from:** 27.12.22

**Item No.:** MR100070  
**Item Description:** Hericium powder  
Bulk

## General specifications

| Specification          | Value   |
|------------------------|---|
| Botanical name         | Hericium erinaceus                                    |
| Product classification | Cultivated mushroom                                   |
| Part used              | Fruit body  |
| Origin of raw material | China   |
| Method of Production   | Conventional  |
| Processing in China    | Grinding fruitbodies, metal detection ferrous 0,5-2mm |

## Technical specifications

| Test name                   | Method             | Specification                 | Remarks  |
|-----------------------------|--------------------|-------------------------------|----------|
| Appearance                  | Visual             | Very fine powder, light brown | complies |
| Different. Powder / Extract | Microscopy / other | Powder                        | complies |
| Polysaccharides             | UV / Other         | > 3% (indicative)             | complies |
| Loss on drying              | Dryer              | < 7%                          | complies |
| Ash                         | Dryer              | < 10%                         | complies |
| Bulk Density                | Ph. Eur. 2.9.34    | 0,25-0,36 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, 1881/2006  |
| TAMC (TPC)           | < 1.000.000 cfu / g         | acc. to DGHM (warning values)        |
| TYMC (Yeast & Mould) | < 100.000 cfu / g           | acc. to DGHM (warning values)        |
| E. coli              | < 100                       | acc. to DGHM (warning values)        |
| Salmonella           | Absent / 25g                | acc. to DGHM (warning values)        |
| Staphylococcus       | < 1000 cfu / g              | acc. to DGHM (warning values)        |
| 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.                         |

| Contaminant | Specification                              | Information                              |
|-------------|--|--|
| 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                               | Yes                  | naturally occurring |

## Nutritional values

|               | per 100g           |
|---------------|--------------------|
| Energy        | 1180 kJ / 283 kcal |
| Protein       | 20.1 g             |
| Carbohydrates | 23.9 g             |
| Sugar         | 3.2 g              |

# Specification



|                       | <b>per 100g</b> |
|-----------------------|-----------------|
| Fat                   | 2.8 g           |
| Saturated fatty acids | 1.2 g           |
| Fibre                 | 41.4 g          |
| Ash                   | 7.7 g           |
| Sodium                | < 0.1 g         |