Specification organic Button Mushroom Extract 30%

Product classification: Cultivated mushroom

Label: Organic

Article Nr. Mycotrition: MR100010

Denomination: Button Mushroom 30% Polysaccharide Extract
Latin: Agaricus bisporus
German: Champignon

Ingredients: 100% Mushroom extract

Extraction ratio: 7:1 – 9:1 (indicative)

Trade company: Mycotrition GmbH
Gewerbestr. 8
82064 Strasslach
Germany

Origin of raw material: China

Substrate composition: Organic straw 68%, organic rice bran 30%, natural gypsum 2%

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 fruit bodies to powder, metal detection ferrous 0.5-2mm, extracting with hot water, centrifuging, spray-drying

Treatments of raw material: Drying only

Material used: 100% fruit bodies
Genetic modification / irradiation / general statements:
This product was genetically modified: No
This product was produced from GMO raw materials: No
This product was irradiated: No
This product contains nanoparticles: No
This product is safe for human consumption: Yes

Allergen statement:
This product contains no allergens.

Storage parameters:
Store at room temperature or lower, keep tightly closed, protect from light, humidity and insects.

Product keeps well for: 48 months after last lab-check

Identification / retraceability: By non-recurring lot numbers

Physical / Assay requirements:
Polysaccharides: > 30% (tested by SEC)
Sieve analysis: 100% pass 100 mesh
Loss of drying < 7%
Ash: < 15%

Microbiological quality

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total bacterial count (cfu*/g)</td>
<td>&lt;10'000</td>
</tr>
<tr>
<td>Yeast and moulds (cfu/g)</td>
<td>&lt;1'000</td>
</tr>
<tr>
<td>E. Coli</td>
<td>&lt;100</td>
</tr>
<tr>
<td>Salmonella</td>
<td>Absent / 25g</td>
</tr>
<tr>
<td>Staphylococcus</td>
<td>Absent / 25g</td>
</tr>
</tbody>
</table>

*cfu : colony-forming units

Heavy metals:
- Lead (as Pb) ≤ 2.0 mg/kg
- Cadmium (as Cd) ≤ 1.0 mg/kg
- Mercury (as Hg) ≤ 0.1 mg/kg

Pesticides:
Complies with the European regulations VO396/2005, VO1881/2006 and the BNN Norm for organic products
Analytical values:
Lot specific Microbiology, Heavy Metal and Pesticide analysis data sheets can be provided upon request.

Nutritional values:
Not available

Description:
1. Appearance / Color / Taste: Fine light brown powder, bitter
2. Carriers used: None
3. Extraction solvents: Water
4. Residual solvents: None