**Specification organic Chaga Mushroom Extract 30%**

<table>
<thead>
<tr>
<th>Product classification:</th>
<th>Wild collected mushroom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Label:</td>
<td>Organic</td>
</tr>
<tr>
<td>Article Nr. Mycotrition:</td>
<td>MR100015</td>
</tr>
<tr>
<td>Denomination:</td>
<td>Chaga Mushroom 30% Polysaccharide Extract</td>
</tr>
<tr>
<td>Latin:</td>
<td>Inonotus obliquus</td>
</tr>
<tr>
<td>German:</td>
<td>Schiefer Schillerporling</td>
</tr>
<tr>
<td>Ingredients:</td>
<td>100% Mushroom extract</td>
</tr>
<tr>
<td>Extraction ratio:</td>
<td>9:1 – 11:1 (indicative)</td>
</tr>
<tr>
<td>Trade company:</td>
<td>Mycotrition GmbH</td>
</tr>
<tr>
<td></td>
<td>Gewerbestr. 8</td>
</tr>
<tr>
<td></td>
<td>82064 Strasslach</td>
</tr>
<tr>
<td></td>
<td>Germany</td>
</tr>
<tr>
<td>Origin of raw material:</td>
<td>China</td>
</tr>
<tr>
<td>Substrate composition:</td>
<td>None</td>
</tr>
<tr>
<td>Method of Production:</td>
<td>Collected in the north east of China on birch trees</td>
</tr>
<tr>
<td></td>
<td>Organic production and processing according to EU/VO 834/2007 and EU/VO 889/2008</td>
</tr>
<tr>
<td>Certifying body:</td>
<td>LACON Germany (DE-OEKO-003)</td>
</tr>
<tr>
<td>Processing in China:</td>
<td>Grinding fruit bodies to powder, metal detection ferrous 0.5-2mm, extracting with hot water, centrifuging, spray-drying</td>
</tr>
<tr>
<td>Treatments of raw material:</td>
<td>Drying only</td>
</tr>
<tr>
<td>Material used:</td>
<td>100% fruit bodies</td>
</tr>
</tbody>
</table>
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 < 5%
Ash: < 25%

Microbiological quality

<table>
<thead>
<tr>
<th></th>
<th>cfu/g or cfu/g*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total bacterial count</td>
<td>&lt;10'000</td>
</tr>
<tr>
<td>Yeast and moulds</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:
100g contain:
- Energy 856kJ / 207kcal
- Protein 3.3g
- Carbohydrates 23.7g
- Sugar <0.2g
- Fat <0.3g
- Saturated fatty acids <0.1g
- Fibre 48.9g
- Ash 22.2g
- Sodium < 0.1g

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