



# herbatica

**Herbatica s.r.o.**  
Komenského 20  
Piešťany 92101  
Slovensko

## Certificate of Analysis Chaga Mushroom Extract (*Inonotus obliquus*)

### Physical and Organoleptic Properties:

Analysis Item	Specification	Result
Description	Brown-yellow powder	Conformed
Odor and Taste	Characteristic	Conformed

### Chemical Composition:

Analysis Item	Specification	Result
Assay (Polysaccharides)	NLT 40%	40.17% (UV)
Extract Ratio	-	65% water / 35% ethanol
Particle Size	80 mesh	Conformed
Loss on Drying	≤ 5.0%	3.33%
Ash Content	≤ 5.0%	2.65%

### Contaminant and Heavy Metals:

Analysis Item	Specification	Result
Benzo(a)pyrene	≤ 10 ppb	Conformed
PAH 4	≤ 50 ppb	Conformed

Analysis Item	Specification	Result
Heavy Metals	≤ 10 ppm	Conformed
Lead (Pb)	≤ 2 ppm	Conformed
Cadmium (Cd)	≤ 1 ppm	Conformed
Mercury (Hg)	≤ 0.1 ppm	Conformed

#### Microbiological Tests:

Analysis Item	Specification	Result
Total Plate Count	≤ 10,000 CFU/g	Conformed
Yeast and Mold	≤ 300 CFU/g	Conformed
E. Coli	Negative	Conformed

#### Packing and Storage:

- **Packing:** Paper drum with two plastic bags inside.
- **Net Weight:** 25 kg per drum.
- **Storage:** Store in a well-closed container away from moisture.

#### Shelf Life:

- 2 years if sealed and stored away from direct sunlight.



