



Certificate of Analysis (COA)

General Specifications

Mushroom Name	Shiitake (<i>Lentinus edodes</i>), powder
Czech Name	Houževnatec jedlý
Origin	Zhejiang Province, China
Part Used	100% Fruiting body
Production	Organic production, Certified by CZ-BIO-002
Certifications	Halal (Hong Kong), Kosher Pareve (STAR-K, USA)
Vegan/Vegetarian	confirmed

Technical Specifications

Parameter	Specification	Result
Loss on Drying	$\leq 7.0\%$	5.9%
Ash	$\leq 12.0\%$	3.8%
Bulk Density	0.30-0.70 g/ml	0.34 g/ml
Tap Density	-	0.56 g/ml

Heavy Metals Analysis

Metal	Specification	Result	Method
Lead (Pb)	< 2.0 ppm	0.14 ppm	ICP-MS
Cadmium	< 1.0 ppm	0.28 ppm	ICP-MS
Arsenic	< 1.0 ppm	0.23 ppm	ICP-MS
Mercury	< 0.1 ppm	0.02 ppm	ICP-MS

Microbiological Analysis

Test	Specification	Result	Method
Total Plate Count	< 10 000 CFU/g	20 CFU/g	GB4789.2
Yeasts & Moulds	< 1 000 CFU/g	< 10 CFU/g	GB4789.15
Escherichia coli	Absent	Conform	GB4789.38
Salmonella	Absent/ 25 g	Conform	GB4789.4
S. aureus	Absent/ 25 g	Conform	GB4789.10

Polycyclic Aromatic Hydrocarbons (PAHs)

PAH	Result
Benzo[a]anthracene	< 0.88 µg/kg
Chrysene	1.8 µg/kg
Benzo[b]fluoranthene	0.96 µg/kg
Benzo[a]pyrene	1.1 µg/kg
Σ4PAU- Lowerbound	3.9 µg/kg
Σ4PAU- Upperbound	4.7 µg/kg

Pesticides Residues

All 652 pesticides included in the screening panel were below the Limit of Quantification (LOQ), indicating that no pesticide residues were detected above the analytical quantification limits in the tested sample.

Additional Safety Information

- GMO Free
- Not Irradiated
- Free from Allergens

Storage and Shelf Life

Storage: Room temperature or lower, tightly closed, protect from light, moisture and pest infestation

Shelf Life: 3 years when properly stored

Company Information

Company: BEWIT Natural Medicine, s.r.o.

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This Certificate of Analysis confirms
that the product meets the specified
quality and safety standards.