

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	[REDACTED] Lion's Mane Organic Extract Powder
Product Code:	[REDACTED]
Organic ID:	EE-ÖKO-03
Batch Number:	[REDACTED]
Production Time:	11/2025
Expiry Time:	12/2028
Specification:	Food grade
Raw Materials:	Organic lion's mane (<i>Hericium erinaceus</i>)
Origin of Raw Materials:	Lion's Mane: EU and non-EU
Product Status:	Packed
Description:	Extract powder produced from organic lion's mane
Certifications:	EU (USDA equivalent) certified organic
Extraction Method:	[REDACTED] extraction

Product Details

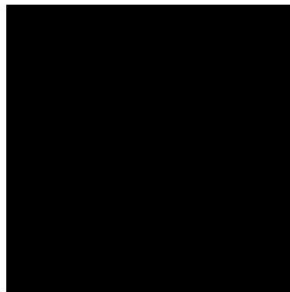
Parameter	Specification	Method of Analysis
Mushroom used	100 % <i>Hericium erinaceus</i>	Sensory evaluation
Appearance	Golden yellow/brown	Sensory evaluation
Taste	Sweet, earthy, savory	Sensory evaluation
Moisture	≤ 8 %	Thermogravimetric

Product Quality

Parameter	Specification	Results	Method of Analysis
Organoleptic Analysis			
Appearance	Characteristic-Uncharacteristic	Characteristic	Sensory evaluation



Version: 5/2025



Taste	Characteristic-Uncharacteristic	Characteristic	Sensory evaluation
Heavy Metal Analysis			
Arsenic, As	≤ 2.0 ppm	< 0.5 ppm	ICP-MS: SFS-EN ISO 17294-2
Mercury, Hg	≤ 0.1 ppm	< 0.05 ppm	ICP-MS: SFS-EN ISO 17294-2
Cadmium, Cd	≤ 1.0 ppm	0.2 ppm	ICP-MS: SFS-EN ISO 17294-2
Lead, Pb	≤ 3.0 ppm	< 0.05 ppm	ICP-MS: SFS-EN ISO 17294-2
Microbiological Analysis			
Total aerobic microorganisms	≤ 100 000 cfu/g	85 000 cfu/g	NMKL 86:2013, 30°C
<i>Escherichia coli</i>	≤ 10 cfu/g	< 10 cfu/g	Rapid E.coli2 Agar
Yeasts	≤ 1 000 cfu/g	< 100 cfu/g	NMKL 98:2005 OGYE-agar, 25 °C, 5-7 days
Molds	≤ 1 000 cfu/g	100 cfu/g	NMKL 98:2005 OGYE-agar, 25 °C, 5-7 days
Salmonella spp.	Not detected	Not detected	SureTect real-time PCR, confirmation NMKL 71:1999
Active Compounds			
Beta 1(3)-1(6) glucan	≥ 18 %	33.4 %	Megazyme assay kit K-YBGL

Packaging and Storage

Packaging:

Storage Conditions:

Storage Life

Food-grade plastic bag with aluminum foil barrier
Protected from light, moisture, and oxygen at room temperature of 15-20 degrees Celsius.
36 months



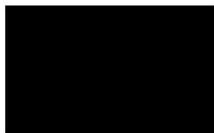
EXTRACT RATIO STATEMENT

This statement confirms that [REDACTED] Lion's Mane Extract Powder is produced using an extract ratio of 10:1.

An extract ratio of 10:1 means that 10 kg of fresh raw Lion's Mane mushroom fruiting body is used to produce 1 kg of finished extract powder.

The raw ingredient used for extraction is the fruiting body of Lion's Mane mushroom.

Product	[REDACTED] Lion's Mane Extract Powder
Extract Ratio	10:1
Ratio Meaning	10 kg fresh raw Lion's Mane fruiting body is used to make 1 kg extract powder



23.01.2026

