

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	NordRelease® Chaga Liquid Extract
Product Code:	IOL-O-WL50
Organic ID:	FI-EKO-201
Batch Number:	OIOL-WL50-201025
Production Time:	10/2025
Expiry Time:	10/2028
Specification:	Food grade
Raw Materials:	Organic chaga (<i>Inonotus obliquus</i>), ethanol (organic), purified water
Origin of Raw Materials:	Chaga: Finland, wild foraged above the Arctic Circle
Product Status:	Packed
Description:	Liquid extract produced from 100% organic chaga conks
Certifications:	EU (USDA equivalent) certified organic
Extraction Methods:	NordRelease® extraction process

Product Details

Parameter	Specification	Method of Analysis
Mushroom used	100% <i>Inonotus obliquus</i>	Sensory evaluation
Appearance	Dark brown	Sensory evaluation
Taste	Rich, earthy, woody, ethanol	Sensory evaluation

Product Quality

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

Ethanol	22 %	22 %	Sensory evaluation, calculation
Heavy Metal Analysis			
Arsenic, As	≤ 0.5 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	< 0.03 ppm	ICP-MS: SFS-EN ISO 17294-2
Lead, Pb	≤ 0.6 ppm	< 0.05 ppm	ICP-MS: SFS-EN ISO 17294-2
Microbiological Analysis			
Colony count of aerobic microorganisms	$\leq 100\,000$ cfu/g	$4\,600$ cfu/g	NMKL 86:2013, 30 °C
Escherichia coli	≤ 100 cfu/g	< 10 cfu/g	Rapid E.coli2 Agar
Yeast	≤ 1000 cfu/g	< 100 cfu/g	NMKL 98:2005, OGYE-agar, 25 °C, 5-7 days
Molds	≤ 1000 cfu/g	< 100 cfu/g	NMKL 98:2005, OGYE-agar, 25 °C, 5-7 days
Salmonella spp.	Not detected	Not detected	Internal method, SureTect real time PCR, confirmation NMKL 71:1999
Active Compounds			
Beta 1(3)-1(6) glucans in mushrooms used	≥ 8 %	≥ 8 %	Megazyme assay kit K-YBGL

Packaging and Storage

Packaging:

Storage Conditions:

Storage Life

Food grade plastic canister (HDPE)

Protected from light, moisture, and oxygen at room temperature between 15 and 25 degrees Celsius.

36 months

NORDIC
MUSHROOMS



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