

MĀLAMA MUSHROOMS

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Certificate of Analysis

Product Class:	Organic Mushroom Extract		
Product Name :	Organic Lion's Mane Extract		
Latin Name :	<i>Hericium erinaceus</i>		
Batch / Lot Number:	BP20231113	Used Part :	Fruiting body
Batch Quantity :	2564.00 kg	PO Quantity:	960.0 kg
Manufacture Date:	12/10/2023		
ANALYSIS	SPECIFICATION	RESULT	METHOD
Description:	Fine powder,		
Appearance	yellow to brown	Complies	Visual
Smell	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Particle size	100 mesh	Complies	Sieve analysis
Assay:			
Beta-glucans	≥ 18.0%	32.90%	Megazyme test kit -KYBGL
Polysaccharides	≥20.0%	07.39%	Megazyme test kit -KYBGL
Chemical Control:			
Moisture	≤ 9.0%	5.68%	GB 5009. 3
Ash	≤ 10.0%	5.57%	GB 5009. 4
Carriers	None	Complies	
Extraction solvent	Water	Complies	
Extraction method	Hot water extraction	Complies	
Heavy Metal :			
Lead (as Pb)	≤1.0 mg/kg	<0.05 mg/kg	BS EN ISO 17294 -2
Cadmium (as Cd)	≤1.0 mg/kg	0.107 mg/kg	BS EN ISO 17294 -2
Arsenic (as A s)	≤ 1.0 mg/kg	0.0387 mg/kg	BS EN ISO 17294 -2
Mercury (as Hg)	≤ 0.1 mg/kg	0.00331 mg/kg	BS EN 1380 6
Microbiology :			
Total plate count	< 10000 CFU/ g	<10 CFU/g	GB 4789. 2
Molds and yeast	< 1000 CFU/ g	<10 CFU/g	GB 4789.1 5
Coliforms	< 500 CFU/ g	<10 CFU/g	GB 4789. 3
Pesticides residues :			
Multi-pesticide screening 500 ite ms	< Limit of quantification	Below limit of quantification	BS EN 12393/BS EN 156 62
Storage	Room temperature or lower, in an airtight cont ainer		
Shelf life	3 year s		

Approved by:

Ben Lillibridge
Quality Assurance

