

# MĀLAMA MUSHROOMS

74-5587 ALAPA STREET KAILUA-KONA, HI 96740

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## Certificate of Analysis

Product Class: Organic Mushroom Powder  
Product Name : Organic Mushroom Powder Extract  
Latin Name : *Ganoderma lucidum, Grifola frondose, Hericium erinaceus, Lentinus edodes, Inonotus obliquus, Cordyceps militaris, Tremella fuciformis*  
Batch / Lot Number: BP20240102 Used Part : Fruiting body  
Batch Quantity : 360.00 kg  
Manufacture Date: 01/17/2024

ANALYSIS	SPECIFICATION	RESULT	METHOD
Description:	Fine powder,		
Appearance	yellow to brown	Complies	Visual
Smell	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Particle size	99% through 80 mesh	Complies	Sieve analysis
Assay:			
Beta-glucans	≥ 20.0%	21.58%	Megazyme test kit -KYBGL
Polysaccharides	≥ 3.0%	08.11%	Megazyme test kit -KYBGL
Chemical Control:			
Moisture	≤ 9.0%	6.06%	GB 5009. 3
Ash	≤ 15.0%	5.51%	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	<0.170 mg/kg	BS EN ISO 17294 -2
Cadmium (as Cd)	≤1.0 mg/kg	0.156 mg/kg	BS EN ISO 17294 -2
Arsenic (as A s)	≤ 1.0 mg/kg	0.0612 mg/kg	BS EN ISO 17294 -2
Mercury (as Hg)	≤ 0.1 mg/kg	0.0151 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 items	< Limit of quantification	Below limit of quantification	BS EN 12393/BS EN 156 62
Storage Shelf life	Room temperature or lower,	in an airtight container	3 years

Approved by:

**Ben Lillibridge**  
Quality Assurance

