

MĀLAMA MUSHROOMS

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Certificate of Analysis

Product Class: Organic Mushroom Powder
Product Name : Organic Cordyceps Mushroom Powder Extract
Latin Name : ***Cordyceps militaris***
Batch / Lot Number: BP20231005 Used Part : Fruiting body
Batch Quantity : 1419.20 kg
Manufacture Date: 10/19/2023

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 100 mesh	Complies	Sieve analysis
Assay:			
Beta-glucans	≥ 25.0%	33.93%	Megazyme test kit -KYBGL
Polysaccharides	≥ 3.0%	05.95%	Megazyme test kit -KYBGL
Cordycepin	≥ 0.15%	0.15%	HPLC
Chemical Control:			
Moisture	≤ 9.0%	4.05%	GB 5009. 3
Ash	≤ 9.0%	5.50%	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	<0.0600 mg/kg	BS EN ISO 17294 -2
Cadmium (as Cd)	≤1.0 mg/kg	0.0149 mg/kg	BS EN ISO 17294 -2
Arsenic (asA s)	≤ 1.0 mg/kg	0.0414 mg/kg	BS EN ISO 17294 -2
Mercury (as Hg)	≤ 0.1 mg/kg	0.00348 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

