

MĀLAMA MUSHROOMS

74-5587 ALAPA STREET KAILUA-KONA, HI 96740
 aloha@malamamushrooms.com 808.960.5325

Certificate of Analysis

Product Class: Chaga Mushroom Powder
 Product Name : Organic Chaga Mushroom Powder Extract
 Latin Name : ***Inonotus obliquus***
 Batch / Lot Number: QYZIO2308-11 Used Part : Sterile conk
 Manufacture Date: 8/05/2023

ANALYSIS	SPECIFICATION	RESULT	METHOD
Description:			
Appearance	Brown powder	Complies	Visual
Smell	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Tap Density	>0.40 g/cc	0.62 g/cc	Manual
Assay:			
Beta-glucans	>8.00%	8.47%	Megazyme test kit -KYBGL
Chemical Control:			
Moisture	≤ 10.0%	4.50%	Moisture balance analyzer
Carriers	None	Complies	
Extraction solvent	Water	Complies	
Extraction method	Water extraction at 90°C	Complies	
Heavy Metal :			
Lead (as Pb)	≤2.0 mg/kg	0.650 mg/kg	USP 232/233 (ICP-MS)
Cadmium (as Cd)	≤2.0 mg/kg	0.150 mg/kg	USP 232/233 (ICP-MS)
Arsenic (asA s)	≤ 2.0 mg/kg	<0.050 mg/kg	USP 232/233 (ICP-MS)
Mercury (as Hg)	≤ 0.1 mg/kg	<0.050 mg/kg	USP 232/233 (ICP-MS)
Microbiology :			
Total plate count	< 10000 CFU/ g	400 CFU/g	AOAC 990.12
Molds and yeast	< 1000 CFU/ g	<100 CFU/g	AOAC 997.02
Coliforms	< 100 CFU/ g	<10 CFU/g	AOAC 991.14

Storage Shelf Life Room temperature or lower, in an airtight container 3 years

Approved by:

Ben Lillibridge
 Quality Assurance

