

# MĀLAMA MUSHROOMS

74-5587 ALAPA STREET KAILUA-KONA, HI 96740

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## Certificate of Analysis

Product Class: Turkey Tail Mushroom Powder  
Product Name : Organic Turkey Tail Mushroom Powder Extract  
Latin Name : *Trametes versicolor*  
Batch / Lot Number: QYZCV2401.2-11 Used Part : Fruiting body  
Manufacture Date: 1/28/2024

ANALYSIS	SPECIFICATION	RESULT	METHOD
Description:			
Appearance	Grey/ brown powder	Complies	Visual
Smell	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Tap Density	>0.40 g/cc	0.53 g/cc	Manual
Assay:			
Beta-glucans	≥ 45.0%	53.33%	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	<0.070 mg/kg	USP 232/233 (ICP-MS)
Cadmium (as Cd)	≤2.0 mg/kg	0.420 mg/kg	USP 232/233 (ICP-MS)
Arsenic (asA s)	≤ 2.0 mg/kg	0.230 mg/kg	USP 232/233 (ICP-MS)
Mercury (as Hg)	≤ 0.1 mg/kg	<0.05 mg/kg	USP 232/233 (ICP-MS)
Microbiology :			
Total plate count	< 10000 CFU/ g	<100 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

