



This is an amended version of report# 22-006544/D002.R001.  
Reason: Corrected yeast result, sample 1

**Customer:** Mushie LLC  
7455 36th Court  
Vero Beach Florida 32967  
United States of America (USA)

**Sample ID:** Cordyceps (mushie ENERGY)

**Sample Matrix:** Powder

**Laboratory ID:** 22-006544-0001-00

**Temp:** 22.4 °C



### Sample Results

#### Metals

##### Heavy Metals Profile A

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Arsenic	0.202	mg/kg	0.0172	06/09/22	AOAC 2013.06 (mod.) <sub>1</sub>	
Cadmium	0.145	mg/kg	0.0172	06/09/22	AOAC 2013.06 (mod.) <sub>1</sub>	
Lead	0.0304	mg/kg	0.0172	06/09/22	AOAC 2013.06 (mod.) <sub>1</sub>	
Mercury	< LOQ	mg/kg	0.00859	06/09/22	AOAC 2013.06 (mod.) <sub>1</sub>	

1) trace metals in food by Inductively Coupled Mass Spectrometry

#### Microbiology

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Staphylococcus aureus	< LOQ	cfu/g	100	06/08/22	AOAC 2003.07	

##### Micro Profile D, (M1010)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Aerobic Plate Count	< LOQ	cfu/g	100	06/09/22	AOAC 990.12 (Petrifilm)	
E.coli	< LOQ	cfu/g	100	06/09/22	AOAC 991.14 (Petrifilm)	
Total Coliforms	< LOQ	cfu/g	100	06/09/22	AOAC 991.14 (Petrifilm)	
Mold (RAPID Petrifilm)	< LOQ	cfu/g	100	06/10/22	AOAC 2014.05 (RAPID)	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	100	06/10/22	AOAC 2014.05 (RAPID)	

#### Nutrition

##### Beta-Glucan Profile (Yeast & Mushroom)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Alpha-glucan†	2.5	%	1.0	06/13/22	Novel Method <sub>2</sub>	
Beta-glucan†	20.8	%	1.0	06/13/22	Novel Method <sub>2</sub>	
Total-Glucan†	23.3	%	1.0	06/13/22	Novel Method <sub>2</sub>	

2) Megazyme - 1,3:1,6 Beta-Glucan



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**Report Date:** 06/21/2022  
**Purchase Order:** 0010  
**Received:** 06/06/22 02:49 PM

**Project Number:** 1  
**Project Name:** ██████████ 6/22

**Abbreviations**

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

† = Analyte not ISO accredited.

**Units of Measure**

cfu/g = Colony forming units per gram  
mg/kg = Milligram per kilogram = parts per million (ppm)  
% = Percentage of sample

Approved Signatory

Derrick Tanner  
General Manager