

Certificate of Analysis

Product	Organic <i>Coprinus comatus</i>	Botanical Source	See Active Ingredients
Lot Number	CC270622HG2	Product Code	CC*.FS
Date of Manufacture	27-Jun-22	Best By Date	15-Sep-27
Plant Part Used	Mushroom		
Active Ingredients	100% <i>Coprinus comatus</i>		
Origin	USA	Tapped Density	0.71 g/ml
Particle Size	90% through 60 mesh	Bulk Density	0.42 g/ml
Storage Recommendations	Store in a tightly closed container. Avoid extreme variations in temperature		

Analysis	Specification	Result	Method
Appearance / Color*	Light Brown Powder	Complies	Visual
Odor	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Identification	Positive	Positive	FTIR / HPTLC
Moisture	≤ 7%	5.71%	AOAC 930.15/LOD
Total Plate Count	≤ 100,000 CFU/g	26,000 CFU/g	AOAC 966.23
Total Yeast	≤ 500 CFU/g	<10 CFU/g	FDA BAM Chapter 18
Total Mold	≤ 500 CFU/g	<10 CFU/g	FDA BAM Chapter 18
Total Coliform Bacteria	≤ 500 CFU/g	<10 CFU/g	AOAC 991.14
E.coli	Negative	Negative	USP <62>
Salmonella spp.	Negative	Negative	USP <62>
S.aureus	Negative	Negative	USP <62>
Arsenic	< 3 ppm	<0.10 ppm	ICP-MS
Cadmium	< 1 ppm	<0.050 ppm	ICP-MS
Lead	< 1 ppm	0.014 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	≥ 50 %	69.74%	AOAC 992.15* , AACC46-30* , AOAC 982.14* , Megazyme K-YBGL*
1,3-1,6 Beta Glucan Content	≥ 15 %	23.38%	Megazyme K-YBGL*
Alpha Glucan Content	≤ 5 %	2.23%	Megazyme K-YBGL*

*This is a natural product. Color may vary between each lot due to crop fluctuation and harvest

Note: Please be advised that due to the nature of our product matrix its been determined that Aerobic Plate Count (aka TPC) should be tested via "pour plate" method (AOAC 966.23)."

I certify that this certificate is true and correct to the best of my knowledge

Jackie Tomaroy

Jackie Tomaroy
Quality Supervisor
Aloha Medicinals

Date of Issue: 12/11/2023



Supersede COA Dated: 12/05/2023