

Certificate of Analysis

Product	Organic <i>Hericium erinaceus</i>	Botanical Source	<i>Hericium erinaceus</i>
Lot Number	HE021120	Product Code	HE*.FS
Date of Manufacture	2-Nov-20	Expiration Date	2-Nov-25
Plant Part Used	Mushroom		
Active Ingredients	100% <i>Hericium erinaceus</i>	Origin	USA
Partical size	90% through 60 mesh	Tapped Density	0.75 g/ml
		Bulk Density	0.57 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%	4.12%	AOAC 930.15
Total Plate Count	≤ 100,000 CFU/g	770 CFU/g	AOAC 990.12 / AOAC 966.23
Yeast & Mold	≤ 500 CFU/g	250 CFU/g	AOAC 2014.05
Coliform	≤ 500 CFU/g	<10 CFU/g	USP <61>
E.coli	Negative / 10g	Negative / 10g	USP <62>
Salmonella spp.	Negative / 10g	Negative / 10g	USP <62>
S.aureus	Negative / 10g	Negative / 10g	USP <62>
Arsenic*	<3 ppm	<0.10 ppm	ICP-MS
Cadmium*	<1 ppm	<0.050 ppm	ICP-MS
Lead*	<1 ppm	<0.010 ppm	ICP-MS
Mercury*	< 0.1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	≥ 50 %	65.52%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15%	24.43%	AMI/PS.02.3
Alpha Glucan Content	≤ 5%	0.75%	AMI/PS.02.3

*Subject to reduce frequency testing.

**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 Control
 Aloha Medicinals
 Date of Issue: 11/17/2020

