

# Certificate of Analysis

<b>Product</b>	Organic <i>Hericium erinaceus</i>	<b>Botanical Source</b>	<i>Hericium erinaceus</i>
<b>Lot Number</b>	HE201118	<b>Product Code</b>	HE.FS
<b>Date of Manufacture</b>	20-Nov-18	<b>Re-evaluation</b>	20-Nov-23
<b>Plant Part Used</b>	Mycelium, primordia, fruiting bodies, and extracellular compounds		
<b>Active Ingredients</b>	100% <i>Hericium erinaceus</i>	<b>Origin</b>	USA
<b>Partical size</b>	90% through 60 mesh	<b>Tapped Density</b>	0.650 g/ml
		<b>Bulk Density</b>	0.480 g/ml
<b>Storage Recommendations</b>	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%	3.18%	AOAC 930.15
Total Plate Count	≤ 100,000 CFU/g	10 CFU/g	AOAC 990.12
Yeast & Mold	≤ 500 CFU/g	<10 CFU/g	AOAC 2014.05
Coliform	≤ 500 CFU/g	10 CFU/g	USP <61>
E.coli	Negative	Negative in 10g	USP <62>
Salmonella spp.	Negative	Negative in 10g	USP <62>
S.aureus	Negative	Negative in 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 %	56.99%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15%	22.72%	AMI/PS.02.3
Alpha Glucan Content	≤ 5%	0.69%	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

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

*Jackie Tomaroy*

Jackie Tomaroy  
Quality Control  
Aloha Medicinals

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