

# Certificate of Analysis

<b>Product</b>	Organic Lion's Mane ( <i>Hericium erinaceus</i> )	<b>Botanical Source</b>	<i>See Active Ingredients</i>
<b>Lot Number</b>	XXXX	<b>Product Code</b>	HE
<b>Date of Manufacture</b>	XXXX	<b>Best By Date</b>	XXXX
<b>Active Ingredients</b>	<i>Hericium erinaceus</i>	<b>Particle Size</b>	90% through 60 mesh 60% through 100 mesh
<b>Plant Part Used</b>	Mushroom - Mycelia*	<b>Tapped Density</b>	0.68 g/ml
<b>Origin</b>	USA	<b>Bulk Density</b>	0.46 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/Annual DNA
Moisture	≤ 7%	<0.01% (w/w)	AOAC 964.22
Total Plate Count	≤ 100,000 CFU/g	100,000 CFU/g	AOAC 966.23
Total Yeast	≤ 500 CFU/g	<10 CFU/g	FDA BAM Chapter 18
Total Mold	≤ 500 CFU/g	20 CFU/g	FDA BAM Chapter 18
Coliform	≤ 500 CFU/g	<10 CFU/g	AOAC 991.14
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	0.02 ppm	ICP-MS
Cadmium	< 1 ppm	0.019ppm	ICP-MS
Lead	< 1 ppm	<0.010 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	Information Only	76.49%	Total Calculated
1,3-1,6 Beta Glucan Content	Information Only	25.55%	Total Calculated
Alpha Glucan Content	Information Only	2.44%	Total Calculated

Product is not exposed to pesticides during manufacture      No solvents are used in the manufacture of this product  
 This is a natural product. Color may vary between each lot due to crop fluctuation, harvest, and treatment  
 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

