

# Certificate of Analysis

<b>Product</b>	Organic <i>Ganoderma lucidum</i>	<b>Botanical Source</b>	<i>See active ingredients</i>
<b>Lot Number</b>	GL290124	<b>Product Code</b>	GL*.FS
<b>Date of Manufacture</b>	29-Jan-24	<b>Best By Date</b>	29-Jan-29
<b>Plant Part Used</b>	Mushroom	<b>Particle Size</b>	90% through 60 mesh 60% through 100 mesh
<b>Active Ingredients</b>	<i>Ganoderma lucidum</i>	<b>Tapped Density</b>	0.73 g/ml
<b>Origin</b>	USA	<b>Bulk Density</b>	0.49 g/ml
<b>Storage Recommendation</b>	Store in a tightly closed container. Avoid extreme variations in temperature		

Analysis	Specification	Result	Method
Appearance / Color*	Brown Powder	Complies	Visual
Odor	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Identification	Positive	Positive	FTIR/HPTLC/Annual DNA
Moisture	≤ 7%	3.40%	AOAC 930.15 / AOAC 964.22 / LOD
Total Plate Count	≤ 100,000 CFU/g	30 CFU/g	AOAC 966.23
Yeast & Mold	< 1,000 CFU/g	340 CFU/g	FDA BAM Chapter 18
Coliform	≤ 500 CFU/g	<10 CFU/g	AOAC 991.14
E.coli	Negative / 10g	Negative / 10g	USP <62> / AOAC 991.14
Salmonella spp.	Negative / 25g	Negative / 25g	USP <62> / AOAC 2004.03
S.aureus	Negative / 10g	Negative / 10g	USP <62> / AOAC 975.55
<i>Listeria</i>	Negative / 25g	Negative / 25g	AOAC 2004.06
Arsenic	< 3 ppm	0.02 ppm	ICP-MS
Cadmium	< 1 ppm	0.008 ppm	ICP-MS
Lead	< 1 ppm	<0.01 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.005 ppm	ICP-MS
Total Polysaccharide Content	≥50%	89.9%	KYGBL
1,3-1,6 Beta Glucan Content	≥25%	84.4%	KYGBL
Alpha Glucan Content	≤10%	5.5%	KYGBL

\*This is a natural product. Color may vary between each lot due to crop fluctuation, treatment, 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: 02/08/2024



Supersedes COA Dated: 02/06/2024