

Certificate of Analysis

Product	Organic <i>Ganoderma lucidum</i>	Botanical Source	See active ingredients
Lot Number	GL041119	Product Code	GL.FS
Date of Manufacture	4-Nov-19	Expiration Date	4-Nov-24
Plant Part Used	Mycelium, primordia, fruiting bodies, and extracellular compounds		
Active Ingredients	100% <i>Ganoderma lucidum</i>	Tapped Density	0.68 g/ml
Particle Size	90% pass through 60 mesh	Bulk Density	0.48 g/ml
Storage Recommendations	Store in a tightly closed container. Avoid extreme variations in temperature		
Origin			USA

Analysis	Specification	Result	Method
Appearance / Color**	Light Brown Powder	Complies	Visual
Odor	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Identification	Positive	Positive	FTIR
Moisture	≤ 7%	3.46%	AOAC 930.15
Total Plate Count	≤ 100,000 CFU/g	15,000 CFU/g	AOAC 990.12
Yeast & Mold	≤ 500 CFU/g	20 CFU/g	AOAC 2014.05
Total Coliform Bacteria	< 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 %	59.05%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15 %	20.18%	AMI/PS.02.3
Alpha Glucan Content	≤ 5 %	0.35%	AMI/PS.02.3

**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

Date of Issue: 11/26/2019

