

Certificate of Analysis

Product	Organic <i>Ganoderma lucidum</i>	Botanical Source	See active ingredients
Lot Number	GL281020	Product Code	GL*.FS
Date of Manufacture	28-Oct-20	Expiration Date	28-Oct-25
Plant Part Used	Mushroom		
Active Ingredients	100% <i>Ganoderma lucidum</i>	Tapped Density	0.69 g/ml
Particle Size	90% pass through 60 mesh	Bulk Density	0.58 g/ml
		Origin	USA
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
Moisture	≤ 7%	4.48%	AOAC 930.15
Total Plate Count	≤ 100,000 CFU/g	80 CFU/g	AOAC 966.23
Yeast & Mold	≤ 500 CFU/g	30 CFU/g	FDA BAM Chapter 18
Total Coliform Bacteria	< 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	0.067 ppm	ICP-MS
Lead	< 1 ppm	<0.010 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	≥ 50 %	63.08%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15 %	23.64%	AMI/PS.02.3
Alpha Glucan Content	≤ 5 %	0.30%	AMI/PS.02.3

**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
Quality Control
Aloha Medicinals
Date of Issue: 11/12/2020

