

Certificate of Analysis

Product	Organic Reishi (<i>Ganoderma lucidum</i>)	Botanical Source	<i>See active ingredients</i>
Lot Number	GL210224	Product Code	GL
Date of Manufacture	21-Feb-24	Best By Date	21-Feb-29
Plant Part Used	Mushroom - Mycelia*	Particle Size	90% through 60 mesh
Active Ingredients	<i>Ganoderma lucidum</i>		60% through 100 mesh
Growing Substrate	Organic Milo (Sorghum)	Tapped Density	0.72 g/ml
Origin	USA	Bulk Density	0.49 g/ml
Storage Recommendation	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%	3.78%	AOAC 930.15 / AOAC 964.22 / LOD
Total Plate Count	≤ 100,000 CFU/g	50 CFU/g	AOAC 966.23
Yeast & Mold	< 1,000 CFU/g	<10 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	<0.001 ppm	ICP-MS
Cadmium	< 1 ppm	0.013 ppm	ICP-MS
Lead	< 1 ppm	<0.005 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.005 ppm	ICP-MS
Total Polysaccharide Content	≥50.0%	61.3%	KYGBL
1,3-1,6 Beta Glucan Content	≥25.0%	56.4%	KYGBL
Alpha Glucan Content	≤10.0%	4.8%	KYGBL

*Growing substrate Sorghum

**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 & Food Safety Supervisor
Aloha Medicinals

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