

Certificate of Analysis



Product Name **Organic Ganoderma lucidum**
 Lot Number GL010915
 Manufacturing Date September 2015
 Expiration Date September 2018
 Particle Size Minimum 98% pass through 60 mesh
 Parts Used Whole / Full Spec Myco™: Consists of mycelium, fruit body, primordia, spores and extracellular compounds produced throughout entire life cycle.

Physical Test	Release Limits	Test Results	Test Method
Appearance	Brown powder	Pass	Visual
Odor	Characteristic	Pass	Organoleptic

Analytical Analysis			
Test Description	Release Limits	Test Results	Test Method
Identification	Positive	Positive	FTIR
Moisture	≤ 7%	1.66%	AOAC 930.15
Total Polysaccharide Content	≥30%	78%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥15%	22%	AMI/PS.02.3
Alpha Glucan Content	≤ 10%	1.7%	AMI/PS.02.3
Protein Bound Polysaccharides		18.3%	AMI/PS.02.3
Free Polysaccharides		35.6%	AMI/PS.02.3

Microbiological Analysis			
Test Description	Release Limits	Test Results	Test Method
Total Plate Count	≤ 10,000 cfu/g	<10 cfu/g	AOAC 966.23
Yeast and Mold	≤ 500 cfu/g	<10 cfu/g	FDA BAM
Total Coliforms Bacteria	≤ 30 MPN/g	<3 MPN/g	AOAC 966.24
E. Coli	≤ 3 MPN/g	<3 MPN/g	AOAC 988.19
Staphylococcus Count	≤ 10 cfu/g	<10 cfu/g	AOAC 2003.07
Salmonella spp.	Negative per 25 grams	Negative	Modified AOAC 998.09

Heavy Metals			
Test Description	Release Limits	Test Results	Test Method
(As) Arsenic	<10 ppm	0.132 ppm	ICP-MS USP <730>
(Cd) Cadmium	<4.1 ppm	0.009 ppm	ICP-MS USP <730>
(Pb) Lead	<10 ppm	0.013 ppm	ICP-MS USP <730>
(Hg) Mercury	<2 ppm	<0.001 ppm	ICP-MS USP <730>

Origin: USA - Cultivated in sterile tissue culture
 Store away from light in tightly closed containers.
 Avoid excessive heat

I certify that this certificate is true and correct to the best of my knowledge.

Stephanie Manara

Stephanie Manara
 Quality Control
 Aloha Medicinals, Inc.
 Date of Issue: September 14, 2015

