

Certificate of Analysis



Product Name **Pure Organic Full Spectrum *Grifola frondosa***
 Lot Number GF051015
 Manufacturing Date October 2015
 Expiration Date October 2018
 Particle Size Minimum 98% 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
Identiffcation	Positive	Positive	FTIR
Moisture	≤7%	1.11%	AOAC 930.15
Total Polysaccharide Content	≥30%	60%	AMI/PS.02.3
Protein Bound Polysaccharides		8.89%	AMI/PS.02.3
Free Polysaccharides		27.03%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥15%	20%	AMI/PS.02.3
Alpha Glucan Content	≤10%	3.9%	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
Staphylococcus Count	≤10 cfu/g	<10 cfu/g	AOAC 2003.07
Total Coliforms Bacteria	≤30 MPN/g	<3 MPN/g	AOAC 966.24
E. Coli	≤3 MPN/g	<3 MPN/g	AOAC 988.19
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	0.008 ppm	ICP-MS USP <730>
(Cd) Cadmium	< 4.1 ppm	0.071 ppm	ICP-MS USP <730>
(Pb) Lead	< 10 ppm	0.030 ppm	ICP-MS USP <730>
(Hg) Mercury	< 2 ppm	0.003 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: October 19, 2015

