

Certificate of Analysis



Product Name **Organic *Polyporus umbellatus***
 Lot Number PU301215
 Manufacturing Date December 2015
 Expiration Date December 2018
 Particle Size Minimum 98% pass through 60 mesh
 Parts Used **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%	2.0%	AOCS Ca 2c-25
Total Polysaccharide Content	≥30%	66.0%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥15%	25.5%	AMI/PS.02.3
Alpha Glucan Content	≤ 10%	0.8%	AMI/PS.02.3
Protein Bound Polysaccharides		12.2%	AMI/PS.02.3
Free Polysaccharides		27.5%	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	Absent per 10g	Absent	AOAC 988.19
Staphylococcus Count	Absent per 10g	Absent	AOAC 2003.07
Salmonella spp.	Negative per 25 grams	Negative	AOAC 2003.09

Heavy Metals			
Test Description	Release Limits	Test Results	Test Method
(As) Arsenic	<10 ppm	<0.001 ppm	ICP-MS USP <730>
(Cd) Cadmium	<4.1 ppm	0.034 ppm	ICP-MS USP <730>
(Pb) Lead	<10 ppm	0.047 ppm	ICP-MS USP <730>
(Hg) Mercury	<2 ppm	0.004 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: January 18, 2016



