

**Certificate of Analysis**



Product Name **Organic *Lentinula edodes***  
 Lot Number LE281015  
 Manufacturing Date October 2015  
 Expiration Date October 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%	1.59%	AOAC 930.15
Total Polysaccharide Content	≥30%	63%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥15%	21.7%	AMI/PS.02.3
Alpha Glucan Content	≤10%	1.3%	AMI/PS.02.3
Protein Bound Polysaccharides		13%	AMI/PS.02.3
Free Polysaccharides		27.1%	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	USP <2022>
Staphylococcus aureus	Absent per 10g	Absent	USP <2022>
Salmonella spp.	Negative per 25g	Negative	Modified AOAC 998.09

Heavy Metals			
Test Description	Release Limits	Test Results	Test Method
(As) Arsenic	<10 ppm	0.053 ppm	ICP-MS USP <730>
(Cd) Cadmium	<4.1 ppm	0.067 ppm	ICP-MS USP <730>
(Pb) Lead	<10 ppm	0.011 ppm	ICP-MS USP <730>
(Hg) Mercury	<2 ppm	<0.001 ppm	ICP-MS USP <730>

Origin: USA - Cultivated in sterile tissue culture - 100% USDA Organic

Store away from light in tightly closed containers.  
 Avoid moisture and extreme variations in temperature.

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: November 16, 2015

