

Certificate of Analysis



Product Name Pure Organic **Immune Assist Micron™**
 Lot Number 122109
 Manufacturing Date January 2010
 Expiration Date January 2013

Proprietary Blend of immune-active heteropolysaccharides derived from - *Lentinula edodes*, *Grifola frondosa*, *Coriolus versicolor*, *Agaricus blazei*, *Ganoderma lucidum*, and *Cordyceps sinensis*.

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
Moisture	<7%	Pass	AMI moisture content analysis
Total Polysaccharide Content	>30%	61%	Modified Megazyme Method
Beta Glucan Content	>15%	41.1%	Modified Megazyme Method
Alpha Glucan Content	<10%	4.4%	Modified Megazyme Method

Microbiological Analysis			
Test Description	Release Limits	Test Results	Test Method
Total Plate Count	<10,000 cfu/g	1,400 cfu/g	AOAC 966.23
Yeast and Mold	<100 cfu/g	Below Limits of Detection	BAM Online
Total Coliform Bacteria	<30 MPN/g	Below Limits of Detection	AOAC 988.19
E. Coli	<3 MPN/g	Below Limits of Detection	AOAC 988.19
Salmonella	Negative	Negative	AOAC 2003.09

** Below Limits of Detection Equals a Negative Test Result

Heavy Metals			
Test Description	Release Limits	Test Results	Test Method
Lead	Total of the heavy metals not to exceed 10 ppm and no single metal to exceed 5 ppm	.08 ppm	All metals tested by method: AOAC method 986.15, modified for ICP-MS
Mercury		Not Detected	
Cadmium		.02 ppm	
Arsenic		.15 ppm	

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

Store in a cool dry place 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.

Liza Alvarez
 QC Compliance Officer
 Aloha Medicinals, Inc.
 Date of Issue: March 18, 2010

