

Certificate of Analysis



Product Name Pure Organic Full Spectrum *Cordyceps sinensis*  
 Lot Number CSS170410  
 Manufacturing Date April 2010  
 Expiration Date April 2013

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%	52%	Modified Megazyme Method
Beta Glucan Content	>15%	29%	Modified Megazyme Method
Alpha Glucan Content	<10%	0.4%	Modified Megazyme Method

Microbiological Analysis			
Test Description	Release Limits	Test Results	Test Method
Total Plate Count	<10,000 cfu/g	Below Limits of Detection	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	<b>Total of the heavy metals</b>	.06 ppm	All metals tested by method: AOAC method 986.15, modified for ICP-MS
Mercury	<b>not to exceed 10 ppm</b>	Not Detected	
Cadmium	<b>and no single metal</b>	.03 ppm	
Arsenic	<b>to exceed 5 ppm</b>	.04 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: May 20, 2010

