

**Certificate of Analysis**



Product Name **Pure Cordyceps Super™**  
 Lot Number CSX310214  
 Manufacturing Date October 2014  
 Expiration Date October 2017  
 Solubility 62% water soluble - 38% micronized smaller than 40 micron

Physical Test	Release Limits	Test Results	Test Method
Appearance	Brown-Yellow Powder	Pass	Visual
Odor	Low Odor Signature	Pass	Organoleptic

Analytical Analysis	Release Limits	Test Results	Test Method
<b>Test Description</b>	<b>Release Limits</b>	<b>Test Results</b>	<b>Test Method</b>
Moisture	<7%	5.78%	AOAC 966.23
Total Polysaccharide Content	>30%	92%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	>15%	39%	AMI/PS.02.3
Alpha Glucan Content	<10%	0.9%	AMI/PS.02.3
Adenosine Content		0.120 mg/g	MW 264.24
Cordycepin Content		0.536 mg/g	MW 251.24
Adenine Content		0.082 mg/g	MW 135.13
Hydroxyethyl-Adenosine		0.037 mg/g	MW 311.12
Ethyl-Adenosine		0.061 mg/g	MW 295.12
Mannitol		51.75 mg/g	Hyd-GC/MS

Microbiological Analysis	Release Limits	Test Results	Test Method
<b>Test Description</b>	<b>Release Limits</b>	<b>Test Results</b>	<b>Test Method</b>
Total Plate Count	<10,000 cfu/g	36 cfu/g	AOAC 966.23
Yeast and Mold	<500 cfu/g	<10 cfu/g	FDA BAM
Total Coliform Bacteria	<30 MPN/g	<3 MPN/g	AOAC 966.24
E. Coli	<3 MPN/g	<3 MPN/g	AOAC 988.19
Staphylococcus	<10 cfu/g	<10 cfu/g	AOAC 2003.07
Salmonella	Negative per 25g	Negative	Modified AOAC 998.09

Heavy Metals Analysis	Release Limits	Test Results	Test Method
<b>Test Description</b>	<b>Release Limits</b>	<b>Test Results</b>	<b>Test Method</b>
Lead	<10 ppm	0.090 ppm	All metals tested by method:
Mercury	<2 ppm	0.005 ppm	ICP-MS USP <730>
Cadmium	<4.1 ppm	0.010 ppm	
Arsenic	<10 ppm	0.059 ppm	

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

Non-GMO

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.

Brandon Bruzzese  
 Quality Control  
 Aloha Medicinals, Inc.  
 Date of Issue: December 1, 2014

