

# Certificate of Analysis

<b>Product</b>	Organic <i>Cordyceps sinensis</i>	<b>Botanical Source</b>	<i>Cordyceps sinensis</i>
<b>Lot Number</b>	CS040821	<b>Product Code</b>	CS*.FS
<b>Date of Manufacture</b>	4-Aug-21	<b>Expiration Date:</b>	4-Aug-26
<b>Active Ingredients</b>	100% <i>Cordyceps sinensis</i>		
<b>Plant Part Used</b>	Mushroom		
<b>Origin</b>	USA	<b>Tapped Density</b>	0.75 g/ml
<b>Partical size</b>	90% pass through 60 mesh	<b>Bulk Density</b>	0.55 g/ml
<b>Storage Recommendations</b>	Store in a tightly closed container. Avoid extreme variations in temperature		

Analysis	Specification	Result	Method
Appearance / Color*	Light Brown Powder	Complies	Visual
Odor	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Identification	Positive	Positive	HPTLC / FTIR
Moisture	≤ 7%	3.59%	AOAC 930.15
Total Plate Count	≤ 100,000 CFU/g	34,000 CFU/g	AOAC 966.23
Total Yeast	≤ 500 CFU/g	<10 CFU/g	FDA BAM CH 18
Total Mold	≤ 500 CFU/g	10 CFU/g	FDA BAM CH 18
Total Coliform Bacteria	≤ 500 CFU/g	110 CFU/g	AOAC 991.14
E.coli	Negative	Negative	USP <62>
Salmonella spp.	Negative	Negative	USP <62>
S.aureus	Negative	Negative	USP <62>
Arsenic	< 3 ppm	<0.10 ppm	ICP-MS
Cadmium	< 1 ppm	0.080 ppm	ICP-MS
Lead	< 1 ppm	0.013 ppm	ICP-MS
Mercury	< 1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	≥ 50 %	66.76%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15 %	15.07%	AMI/PS.02.3
Alpha Glucan Content	≤ 5 %	0.42%	AMI/PS.02.3

Product is not exposed to pesticides during manufacture

No solvents are used in the manufacture of this product

\*This is a natural product. Color may vary between each lot due to crop fluctuation and harvest

Note: Please be advised that due to the nature of our product matrix its been determined that Aerobic Plate Count (aka TPC) should be tested via "pour plate" method (AOAC 966.23)."

I certify that this certificate is true and correct to the best of my knowledge

*Jackie Tomaroy*

Jackie Tomaroy  
Quality Control  
Aloha Medicinals  
Date of Issue: 08/24/2021

