

# Certificate of Analysis

<b>Product</b>	Organic <i>Cordyceps sinensis</i> Dried Full Spectrum Mushroom Powder	<b>Botanical Source</b>	See active ingredients
<b>Lot Number</b>	CS090725U	<b>Product Code</b>	CSU *FS
<b>Date of Manufacture</b>	9-Jul-25	<b>Best By Date</b>	9-Jul-30
<b>Plant Part Used</b>	Mushroom	<b>Particle Size</b>	90% through 60 mesh
<b>Active Ingredients</b>	<i>Cordyceps sinensis</i>		60% through 100 mesh
		<b>Tapped Density</b>	0.74 g/ml
<b>Origin</b>	USA	<b>Bulk Density</b>	0.50 g/ml

**Storage Recommendation** Store in a tightly closed container. Avoid extreme variations in temperature

Analysis	Specification	Result	Method
Appearance / Color**	Brown Powder	Complies	Visual
Odor	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Identification	Positive	Positive	FTIR/HPTLC/Annual DNA
Moisture	≤ 7%	4.70%	AOAC 991.02(mod)
Total Plate Count	≤ 100,000 CFU/g	88,000 CFU/g	AOAC 966.23
Yeast	< 500 CFU/g	< 10 CFU/g	FDA BAM Chapter 18, 7th ED
Mold	< 500 CFU/g	160 CFU/g	FDA BAM Chapter 18, 7th ED
Coliform	≤ 500 CFU/g	<10 CFU/g	USP 2022 / AOAC 991.14
E.coli	Negative	Negative / 10g	USP 2022 / AOAC 991.14
Salmonella spp.	Negative	Negative / 25g	AOAC 2004.03
S.aureus	Negative	Negative / 10g	AOAC 975.55
Listeria	Negative	Negative / 25g	AOAC 2004.06
Arsenic	< 3 ppm	0.03 ppm	ICP-MS
Cadmium	< 1 ppm	0.040 ppm	ICP-MS
Lead	< 1 ppm	<0.01 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.005 ppm	ICP-MS
Total Polysaccharide Content	≥ 50.0%	65.5%	KYGBL
1,3-1,6 Beta Glucan Content	≥ 25.0%	62.1%	KYGBL
Alpha Glucan Content	≤ 10.0%	3.4%	KYGBL

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



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Aloha Medicinals  
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