

Certificate of Analysis

Product	Organic Cordyceps militaris	Botanical Source	See Active Ingredients
Lot Number	XXXX	Product Code	Cmil*.FS
Date of Manufacture		Re-Evaluation Date	
Active Ingredients	100% Cordyceps militaris		
Plant Part Used	Mycelium, primordia, fruiting bodies, and extracellular compounds		
Origin	USA	Tapped Density	0.78 g/ml
Partical size	90% pass through 60 mesh	Bulk Density	0.64 g/ml
Storage Recommendations	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	FTIR/HPTLC
Moisture	≤ 7%	4.03%	AOAC 930.15
Total Plate Count	≤ 100,000 CFU/g	<10 CFU/g	AOAC 990.12
Yeast & Mold	≤ 500 CFU/g	<10 CFU/g	AOAC 2014.05
Coliform	≤ 500 CFU/g	<10 CFU/g	USP <61>
E.coli	Negative	Negative in 10g	USP <62>
Salmonella spp.	Negative	Negative in 10g	USP <62>
S.aureus	Negative	Negative in 10g	USP <62>
Arsenic	< 3 ppm	<0.10 ppm	ICP-MS
Cadmium	< 1 ppm	0.067 ppm	ICP-MS
Lead	< 1 ppm	<0.010 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	≥ 50 %	73.29%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15 %	30.73%	AMI/PS.02.3
Alpha Glucan Content	≤ 5 %	0.61%	AMI/PS.02.3
Adenosine	Informational Only	0.161 mg/g	HPLC/MS
Cordycepin	0.02 mg/g minimum	0.164 mg/g	HPLC/MS
Adenine	Informational Only	0.026 mg/g	HPLC/MS
Hydroxyethyl-adenosine	Informational Only	0.018 mg/g	HPLC/MS
Ethyl-adenosine	Informational Only	0.013 mg/g	HPLC/MS
Mannitol	Informational Only	80.81 mg/g	Hyd-GC/MS

*Subject to reduced frequency testing. Nucleosides and Mannitol are reported as typical results.

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

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

