

CERTIFICATE OF ANALYSIS

Product: Cordyceps Mushroom Powder
Botanical Name/INCI: Cordyceps sinensis
Lot No: BPCCMP052023
Best Before: May, 2027
Origin: USA
CAS No.: 1883732-47-5

ITEMS	SPECIFICATION	RESULTS	METHODOLOGY
Physical Characteristics			
Appearance	Yellow to Brown Powder	Complies	Sensory
Particle size	100 % through 80 mesh	Complies	Sieve test
Moisture	<7%	1.06%	AOAC 935.29
Total Ash	<9%	5.29%	GB 5009.4
Tapped density	Not less than 0.55 g/cc	0.85 g/cc	USP 616
Active Compounds			
Polysaccharide	≥3%	4.33%	CP2015-UV
Beta-Glucan	≥10%	12.5%	Megazyme Test Kit K-YBGL
Contaminants			
Lead (Pb)	<2.0 mg/kg	Complies	AOAC 984.27 ICP/MS
Arsenic (As)	<1.0 mg/kg	Complies	AOAC 984.27 ICP/MS
Cadmium (Cd)	<1.0 mg/kg	Complies	AOAC 984.27 ICP/MS
Mercury (Hg)	<0.1 mg/kg	Complies	AOAC 984.27 ICP/MS
Pesticides	<LOQ	Complies	BS EN 12393:2013(GC) BS EN 15662:2018(LC)
Microbiological			
Total Plate Count	<10,000 cfu/g	200 cfu/g	AOAC 990.12
Yeast & Mold	<100 cfu/g	<10 cfu/g	AOAC 997.02
E.Coli.	Negative	Negative	AOAC 991.14
Salmonella	Negative	Negative	GB 29921
Staphylococcus	Negative	Negative	GB 29921

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