

MUSHROOM PLENTY

Premium Organic Mushroom Extracts · B2B Ingredient Supply
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Certificate of Analysis — Sample

Newark, NJ 07104, USA
Document type: Representative Sample CoA

Cordyceps Militaris Extract

Cordyceps militaris

Product Name	Organic Cordyceps Militaris Extract
Botanical Name	<i>Cordyceps militaris</i>
Extract Ratio	4:1 (water-extracted)
Part Used	Fruiting Body
Appearance	Brown-yellow powder, ≥80 mesh
Lot Reference	MP-CORDYCEPS-240518
Date of Manufacture	May 18, 2024
Report Date	May 29, 2024
Shelf Life	36 months from manufacture date
Storage	Airtight, ≤ 25°C, relative humidity ≤ 50%
Certifications	USDA Organic · GMP · HACCP · ISO 9001 · Kosher · Halal
Origin / Warehouse	Sourced from China · Stocked and shipped from Newark, NJ (USA)

Identity, Potency & Actives

Test	Specification	Result	Method
Identity (species)	TLC conform	Conform	Thin-Layer Chromatography
Total Polysaccharides	≥ 25.0%	38.3%	UV spectrophotometry
Cordycepin	≥ 0.15%	0.26%	HPLC
Adenosine	≥ 0.10%	0.21%	HPLC (Ch.P. 2020 Vol. IV, p.61)
Moisture	≤ 9.0%	3.3%	USP <731>
Particle size	100% pass ≥80 mesh	Conform	Sieve analysis
Extraction solvent	Water only	Conform	Process control

Heavy Metals (ICP-MS)

Analyte	Specification	Result	Method
Lead (Pb)	≤ 2.0 ppm	0.37 ppm	ICP-MS

Arsenic (As)	≤ 1.0 ppm	0.02 ppm	ICP-MS
Cadmium (Cd)	≤ 1.0 ppm	0.03 ppm	ICP-MS
Mercury (Hg)	≤ 0.1 ppm	0.01 ppm	ICP-MS
Total Heavy Metals	≤ 10 ppm	Conform	ICP-MS summation

Microbiology

Test	Specification	Result	Method
Total Plate Count	< 10,000 CFU/g	350 CFU/g	GB 4789.2
Yeast & Mould	< 500 CFU/g	30 CFU/g	GB 4789.15
Escherichia coli	Negative / g	Negative	GB 4789.38
Salmonella	Negative / 25 g	Negative	GB 4789.4
Staphylococcus aureus	Negative / g	Negative	GB 4789.10

Regulatory Statements

GMO Status	Non-GMO. Not produced from GMO source material.
Allergens	Does not contain any of the Big-9 allergens declared by the FDA.
Irradiation	Product has not been irradiated.
Solvents	Water only. No alcohol, hexane or other organic solvents used in extraction.
Suitable for	Dietary supplements, functional beverages, functional food, topical, pet applications.

Quality Assurance Statement. This document is a representative sample Certificate of Analysis. Every Mushroom Plenty ingredient lot is tested to specification by our QC partners and verified on arrival at our Newark, NJ warehouse prior to release. Each shipment is accompanied by its own **lot-specific CoA** matched to the exact batch delivered. For GMP audits, pesticide panels, residual solvent data, or custom specifications, contact info@mushroomplenty.com.

Conclusion: Product meets Mushroom Plenty specifications.

Authorized by:

Mushroom Plenty QA

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Document controlled by:

QA-SAMPLE-CORDYCEPS

Issued: May 29, 2024

Sample CoA — representative data from a recent production lot. Not a replacement for lot-specific documentation. A lot-specific CoA is provided with every order. Product is sold for B2B formulation use; buyer is responsible for final product testing and regulatory compliance in end-use jurisdictions. © Mushroom Plenty 2026. Newark, NJ · mushroomplenty.com