

# MUSHROOM PLENTY

Premium Organic Mushroom Extracts · B2B Ingredient Supply  
mushroomplenty.com · info@mushroomplenty.com

Certificate of Analysis — Sample

Newark, NJ 07104, USA

Document type: Representative Sample CoA

## Maitake Extract

Grifola frondosa

Product Name	Organic Maitake Extract
Botanical Name	Grifola frondosa
Extract Ratio	4:1 (water-extracted)
Part Used	Fruiting Body
Appearance	Brown-yellow powder, ≥80 mesh
Lot Reference	MP-MAITAKE-240404
Date of Manufacture	April 4, 2024
Report Date	April 27, 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 & Moisture

Test	Specification	Result	Method
Identity (species)	TLC conform	Conform	Thin-Layer Chromatography
Total Polysaccharides	≥ 30.0%	41.8%	UV spectrophotometry
Beta-glucans	≥ 10.0%	15.2%	Megazyme enzymatic
Moisture	≤ 9.0%	4.7%	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	0.13 ppm	ICP-MS
Arsenic (As)	≤ 2.0 ppm	0.14 ppm	ICP-MS
Cadmium (Cd)	≤ 2.0 ppm	0.15 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	50 CFU/g	GB 4789.2
Yeast & Mould	< 500 CFU/g	10 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

<b>GMO Status</b>	Non-GMO. Not produced from GMO source material.
<b>Allergens</b>	Does not contain any of the Big-9 allergens declared by the FDA.
<b>Irradiation</b>	Product has not been irradiated.
<b>Solvents</b>	Water only. No alcohol, hexane or other organic solvents used in extraction.
<b>Suitable for</b>	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](mailto:info@mushroomplenty.com).

**Conclusion:** Product meets Mushroom Plenty specifications.

Authorized by:

Document controlled by:

**Mushroom Plenty QA**

**QA-SAMPLE-MAITAKE**

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Issued: April 27, 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](http://mushroomplenty.com)