

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

Lion's Mane Extract

Hericium erinaceus

| | |
|---------------------|--|
| Product Name | Organic Lion's Mane Extract |
| Botanical Name | Hericium erinaceus |
| Extract Ratio | 4:1 (water-extracted) |
| Part Used | Fruiting Body |
| Appearance | Brown-yellow powder, ≥80 mesh |
| Lot Reference | MP-LIONSMANE-240613 |
| Date of Manufacture | June 13, 2024 |
| Report Date | June 26, 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% | 39.6% | UV spectrophotometry |
| Beta-glucans | ≥ 20.0% | 25.3% | Megazyme enzymatic |
| Moisture | ≤ 9.0% | 4.5% | 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 | 0.07 ppm | ICP-MS |
| Arsenic (As) | ≤ 2.0 ppm | 0.11 ppm | ICP-MS |
| Cadmium (Cd) | ≤ 2.0 ppm | 0.09 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 | 870 CFU/g | GB 4789.2 |
| Yeast & Mould | < 500 CFU/g | 60 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:

Document controlled by:

Mushroom Plenty QA

QA-SAMPLE-LIONS-MANE

info@mushroomplenty.com

Issued: June 26, 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