

Certificate of Analysis

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|--------------------------------|--|-------------------------|---------------------------|
| Product | Organic <i>Hericium erinaceus</i> | Botanical Source | <i>Hericium erinaceus</i> |
| Lot Number | HE160919 | Product Code | HE.FS |
| Date of Manufacture | 16-Sep-19 | Re-evaluation | 16-Sep-24 |
| Plant Part Used | Mycelium, primordia, fruiting bodies, and extracellular compounds | | |
| Active Ingredients | 100% <i>Hericium erinaceus</i> | Origin | USA |
| Partical size | 90% through 60 mesh | Tapped Density | 0.69 g/ml |
| | | Bulk Density | 0.49 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% | 3.82% | 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 | <0.050 ppm | ICP-MS |
| Lead* | <1 ppm | <0.010 ppm | ICP-MS |
| Mercury* | < 0.1 ppm | <0.020 ppm | ICP-MS |
| Total Polysaccharide Content | ≥ 50 % | 52.59% | AMI/PS.02.3 |
| 1,3-1,6 Beta Glucan Content | ≥ 15% | 17.71% | AMI/PS.02.3 |
| Alpha Glucan Content | ≤ 5% | 0.60% | AMI/PS.02.3 |

*Subject to reduce frequency testing.

**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

Jackie Tomaroy

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