

Certificate of Analysis

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|----------------------------|-------------------------------|---------------------------|--------------------------|
| Product | Organic Agaricus bisporus | Botanical Source | <i>Agaricus bisporus</i> |
| Lot Number | ABP310719H2 | Product Code | ABP.FS |
| Date of Manufacture | 31-Jul-19 | Re-evaluation date | 31-Jul-25 |
| Active Ingredients | 100% <i>Agaricus bisporus</i> | | |
| Plant Part Used | Mushroom | | |
| Origin | USA | Tapped Density | 0.851 g/ml |
| Partical size | 90% pass through 60 mesh | Bulk Density | 0.579 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 |
| Moisture | ≤ 7% | 2.39% | 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 |
| Total Coliform Bacteria | ≤ 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 | < 1 ppm | ICP-MS |
| Cadmium | < 1 ppm | < 0.1ppm | ICP-MS |
| Lead | < 1 ppm | < 0.1 ppm | ICP-MS |
| Mercury | < 0.1 ppm | < 1 ppm | ICP-MS |
| Total Polysaccharide Content | ≥ 50 % | 61.13% | AMI/PS.02.3 |
| 1,3-1,6 Beta Glucan Content | ≥ 15% | 20.26% | AMI/PS.02.3 |
| Alpha Glucan Content | ≤ 5% | 1.27% | AMI/PS.02.3 |

*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
Quality Supervisor
Aloha Medicinals
Date of Issue: 11/30/2023



Supersedes COA Dated: 10/28/2019