

Certificate of Analysis

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|----------------------------|--|-------------------------|------------------------|
| Product | Organic <i>Cordyceps sinensis</i> Dried Full Spectrum Mushroom Powder | Botanical Source | See active ingredients |
| Lot Number | CS090725U | Product Code | CSU *FS |
| Date of Manufacture | 9-Jul-25 | Best By Date | 9-Jul-30 |
| Plant Part Used | Mushroom | Particle Size | 90% through 60 mesh |
| Active Ingredients | <i>Cordyceps sinensis</i> | | 60% through 100 mesh |
| | | Tapped Density | 0.74 g/ml |
| Origin | USA | Bulk Density | 0.50 g/ml |

Storage Recommendation Store in a tightly closed container. Avoid extreme variations in temperature

| Analysis | Specification | Result | Method |
|------------------------------|-----------------|----------------|----------------------------|
| Appearance / Color** | Brown Powder | Complies | Visual |
| Odor | Characteristic | Characteristic | Organoleptic |
| Taste | Characteristic | Characteristic | Organoleptic |
| Identification | Positive | Positive | FTIR/HPTLC/Annual DNA |
| Moisture | ≤ 7% | 4.70% | AOAC 991.02(mod) |
| Total Plate Count | ≤ 100,000 CFU/g | 88,000 CFU/g | AOAC 966.23 |
| Yeast | < 500 CFU/g | < 10 CFU/g | FDA BAM Chapter 18, 7th ED |
| Mold | < 500 CFU/g | 160 CFU/g | FDA BAM Chapter 18, 7th ED |
| Coliform | ≤ 500 CFU/g | <10 CFU/g | USP 2022 / AOAC 991.14 |
| E.coli | Negative | Negative / 10g | USP 2022 / AOAC 991.14 |
| Salmonella spp. | Negative | Negative / 25g | AOAC 2004.03 |
| S.aureus | Negative | Negative / 10g | AOAC 975.55 |
| Listeria | Negative | Negative / 25g | AOAC 2004.06 |
| Arsenic | < 3 ppm | 0.03 ppm | ICP-MS |
| Cadmium | < 1 ppm | 0.040 ppm | ICP-MS |
| Lead | < 1 ppm | <0.01 ppm | ICP-MS |
| Mercury | < 0.1 ppm | <0.005 ppm | ICP-MS |
| Total Polysaccharide Content | ≥ 50.0% | 65.5% | KYGBL |
| 1,3-1,6 Beta Glucan Content | ≥ 25.0% | 62.1% | KYGBL |
| Alpha Glucan Content | ≤ 10.0% | 3.4% | KYGBL |

**This is a natural product. Color may vary between each lot due to crop fluctuation, treatment, and harvest

Note: Please be advised that due to the nature of our product matrix its been determined that Aerobic Plate Count (aka TPC) should be tested via "pour plate" method (AOAC 966.23)."

I certify that this certificate is true and correct to the best of my knowledge



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