

# Certificate of Analysis

Report Issued To: Nootropics Depot | 8380 S. Kyrene Rd., Suite 110, Tempe, AZ 85284

| Product Information |   |                       |                |
|---------------------|---|-----------------------|----------------|
| Product Name:       | Lion's Mane Mushroom Extract 8:1 Capsules 500mg | CoA #:                | ND-24-178      |
| Product Size:       | 60 count  | Lot Number:           | HC8CS1090123A  |
| Production Date:    | 09/20/2023                                      | Capsule Batch #:      | HC8CENZ0323VEG |
| Report Date:        | 09/20/2023                                      | Raw Material Batch #: | HC80410123     |
| Best By Date:       | 09/2025   | RMSpec #:             | 048-v7         |
| Appearance:         | Fine brown powder in clear capsule              | Capsule Size:         | Size 0         |
| Capsule Material:   | Vegetable Cellulose                             | Capsule Color:        | Clear          |
| Other Ingredients:  | None  |                       |                |

### Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1048 | Conforms | Pass      |
| Smell | Org. Tube # 1048 | Conforms | Pass      |

### Physical Testing Results:

| Test                | Specification     | Result          | Pass/Fail |
|---------------------|-------------------|-----------------|-----------|
| Capsule Fill Weight | ≥500mg/capsule    | 527.7mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 625mg/capsule   | Pass      |

### Analytical Testing Results:

| Test           | Method   | Methodology      | Specification  | Result   | Pass/Fail |
|----------------|--|------------------|----------------|--|-----------|
| Identity       | LAB TM-054   | HPTLC            | Matches to BRM | Conforms   | Pass      |
| β-Glucans      | LAB TM-078   | Megazyme         | ≥ 75mg/capsule | 153mg/capsule  | Pass      |
| α-Glucans      | LAB TM-078   | Megazyme         | ≤ 25mg/capsule | 15.8mg/capsule   | Pass      |
| Loss on Drying | LAB TM-013   | Moisture Balance | Report Only    | 5.2%   | Pass      |
| Heavy Metals   | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | < 0.5 ppm ea.  | As <0.1250 ppm<br>Cd 0.1027 ppm<br>Hg <0.0125 ppm<br>Pb 0.1079 ppm | Pass      |
| Water Activity | LAB TM-012   | Water Activity   | < 0.73         | 0.18   | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

