

# 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-24-927      |
| Product Size:       | 180 count                                       | Lot Number:           | HC8CS1042224   |
| Production Date:    | 06/03/2024                                      | Capsule Batch #:      | HC8CSLL0823VEG |
| Report Date:        | 06/03/2024                                      | Raw Material Batch #: | HC80410623     |
| Best By Date:       | 06/2026   | 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 | 626mg/capsule   | Pass      |

### Analytical Testing Results:

| Test   | Method   | Methodology      | Specification  | Result   | Pass/Fail |
|--|--|------------------|----------------|--|-----------|
| Identity - <i>Hericium erinaceus</i> , Fruiting Body | LAB TM-239   | HPTLC            | Matches to BRM | Conforms   | Pass      |
| β-Glucans  | LAB TM-078   | Megazyme         | ≥ 75mg/capsule | 116.3mg/capsule  | Pass      |
| α-Glucans  | LAB TM-078   | Megazyme         | ≤ 25mg/capsule | 10.6mg/capsule   | Pass      |
| Loss on Drying                                       | LAB TM-013   | Moisture Balance | Report Only    | 4.5%   | Pass      |
| Arsenic, Cadmium, Mercury and Lead                   | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | ≤ 0.5 ppm ea.  | As < 0.1800 ppm<br>Cd 0.0889 ppm<br>Hg < 0.0180 ppm<br>Pb 0.0879 ppm | Pass      |
| Water Activity                                       | LAB TM-012   | Water Activity   | < 0.73         | 0.17   | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

