

# Certificate of Analysis

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

| Product Information |                                 |                       |                 |
|---------------------|---------------------------------|-----------------------|-----------------|
| Product Name:       | Maca Extract Capsules 200mg     | CoA #:                | ND-25-081       |
| Product Size:       | 180 count                       | Lot Number:           | MAC6CS1011025   |
| Production Date:    | 01/10/2025                      | Capsule Batch #:      | MAC6CENZ1222VEG |
| Report Date:        | 01/10/2025                      | Raw Material Batch #: | MAC60570922     |
| Best By Date:       | 01/2028                         | RM spec #:            | 502 v4          |
| Appearance:         | Brown powder in a clear capsule | Capsule Size:         | Size 3          |
| Capsule Material:   | Vegetable Cellulose             | Capsule Color:        | Clear           |
| Other Ingredients:  | Magnesium Stearate              |                       |                 |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1502 | Conforms | Pass      |
| Smell | Org. Tube # 1502 | Conforms | Pass      |

## Physical Testing Results:

| Test                | Specification     | Result          | Pass/Fail |
|---------------------|-------------------|-----------------|-----------|
| Capsule Fill Weight | ≥212.5mg/capsule  | 212.5mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 261.4mg/capsule | Pass      |

## Analytical Testing Results:

| Test                                               | Method                                                     | Methodology      | Specification                 | Result                                                            | Pass/Fail |
|----------------------------------------------------|------------------------------------------------------------|------------------|-------------------------------|-------------------------------------------------------------------|-----------|
| Identification - ( <i>Lepidium meyerii</i> , root) | LAB TM-107                                                 | HPTLC            | Matches to reference standard | Conforms                                                          | Pass      |
| Assay - Total Macamides (as is basis)              | LAB TM-208                                                 | UPLC             | ≥ 10mg/capsule                | 11.7mg/capsule                                                    | Pass      |
| Loss on Drying                                     | LAB TM-015                                                 | Moisture Balance | Report Only                   | 6.7%                                                              | N/A       |
| Heavy Metals                                       | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | ≤ 0.5 ppm ea.                 | As 0.1357 ppm<br>Pb 0.0663 ppm<br>Cd 0.0302 ppm<br>Hg <0.0125 ppm | Pass      |
| Water Activity                                     | LAB TM-012                                                 | Water Activity   | <0.73                         | 0.26                                                              | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

