

# Certificate of Analysis

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

| Product Information |                                                     |                       |                |
|---------------------|-----------------------------------------------------|-----------------------|----------------|
| Product Name:       | Tongkat Ali Extract 10% Eurycomanone Capsules 100mg | CoA #:                | ND-25-134      |
| Product Size:       | 120 count                                           | Lot Number:           | TAECCS1082824  |
| Production Date:    | 08/28/2024                                          | Capsule Batch #:      | TAECSLL0624VEG |
| Report Date:        | 08/28/2024                                          | Raw Material Batch #: | TAE0580524     |
| Best By Date:       | 08/2027                                             | RM spec #:            | 223 v5         |
| Appearance:         | Yellow-brown powder in clear capsule                | Capsule Size:         | Size 3         |
| Capsule Material:   | Vegetable Cellulose                                 | Capsule Color:        | Clear          |
| Other Ingredients:  | Microcrystalline Cellulose 101, Magnesium Stearate  |                       |                |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1223 | Conforms | Pass      |
| Smell | Org. Tube # 1223 | Conforms | Pass      |

## Physical Testing Results:

| Test                | Specification     | Result        | Pass/Fail |
|---------------------|-------------------|---------------|-----------|
| Capsule Fill Weight | ≥145mg/capsule    | 155mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 206mg/capsule | Pass      |

## Analytical Testing Results:

| Test                                             | Method                                 | Methodology      | Specification              | Result                           | Pass/Fail |
|--------------------------------------------------|----------------------------------------|------------------|----------------------------|----------------------------------|-----------|
| Identity<br>( <i>Eurycoma longifolia</i> , Root) | LAB TM-083                             | HPTLC            | Has Characteristics of BRM | Has Characteristics of BRM       | Pass      |
| Eurycomanone (as-is)                             | LAB TM-217                             | UPLC             | ≥ 10mg/capsule             | 11mg/capsule                     | Pass      |
| Loss on Drying                                   | LAB TM-013                             | Moisture Balance | ≤ 5%                       | 3%                               | Pass      |
| Heavy Metals<br>Arsenic                          | Metals-011 & Metals-008/USP<233>/<730> | ICP/ICPMS        | ≤ 0.8 ppm                  | As 0.4920 ppm                    | Pass      |
| Heavy Metals                                     | Metals-011 & Metals-008/USP<233>/<730> | ICP/ICPMS        | ≤ 0.5 ppm ea.              | Cd 0.0605 ppm<br>Hg < 0.0100 ppm | Pass      |
| Heavy Metals<br>Lead                             | Metals-011 & Metals-008/USP<233>/<730> | ICP/ICPMS        | ≤ 1.0 ppm                  | Pb 0.8254 ppm                    | Pass      |
| Water Activity                                   | LAB TM-012                             | Water Activity   | < 0.73                     | 0.17                             | Pass      |

Final Approval

*Kennedi Enoch*

Kennedi Enoch, Quality Liaison

