

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

| Product Information |                                                    |                       |                 |
|---------------------|----------------------------------------------------|-----------------------|-----------------|
| Product Name:       | Horny Goat Weed Capsules   50% Icariin 200mg       | CoA #:                | ND-25-539       |
| Product Size:       | 30 count                                           | Lot Number:           | EB50CS1121624A  |
| Production Date:    | 12/16/2024                                         | Capsule Batch #:      | EB50CSLL0524VEG |
| Report Date:        | 12/16/2024                                         | Raw Material Batch #: | EB500580424     |
| Best By Date:       | 12/2027                                            | RM spec #:            | 286_v1          |
| Appearance:         | Light brown powder in a clear capsule              | Capsule Size:         | Size 1          |
| 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 # 1286 | Conforms | Pass      |
| Smell | Org. Tube # 1286 | Conforms | Pass      |

## Physical Testing Results:

| Test                | Specification     | Result        | Pass/Fail |
|---------------------|-------------------|---------------|-----------|
| Capsule Fill Weight | ≥294mg/capsule    | 304mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 384mg/capsule | Pass      |

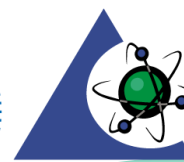
## Analytical Testing Results:

| Test                                           | Method                                                           | Methodology      | Specification   | Result                                            | Pass/Fail |
|------------------------------------------------|------------------------------------------------------------------|------------------|-----------------|---------------------------------------------------|-----------|
| Identity<br>( <i>Epimedium spp.</i> ,<br>leaf) | LAB TM-164                                                       | HPTLC            | Matches to BRM  | Matches to BRM                                    | Pass      |
| Icariin<br>(Dry Basis)                         | LAB TM-120                                                       | UPLC             | ≥ 100mg/capsule | 107mg/capsule                                     | Pass      |
| Loss on Drying                                 | LAB TM-013                                                       | Moisture Balance | ≤ 5%            | 3.2%                                              | Pass      |
| Heavy Metals                                   | ICP-MS Metals - USP<br><233>/<730> Apex<br>Metals-011/Metals-008 | ICP/ICPMS        | ≤ 2.0 ppm ea.   | As < 0.1000 ppm<br>Cd 0.0493 ppm<br>Pb 0.4314 ppm | Pass      |
| Heavy Metals                                   | ICP-MS Metals - USP<br><233>/<730> Apex<br>Metals-011/Metals-008 | ICP/ICPMS        | ≤ 1.0 ppm ea.   | Hg < 0.0100 ppm                                   | Pass      |
| Water Activity                                 | LAB TM-012                                                       | Water Activity   | < 0.73          | 0.25                                              | Pass      |

Final Approval



Kennedy Enoch, Quality Liaison



**PJLA**  
Testing  
Accreditation #113861