

# Certificate of Analysis

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

| Product Information |                                                                                      |                      |               |
|---------------------|--------------------------------------------------------------------------------------|----------------------|---------------|
| Product Name:       | Magnolia Bark Extract Tablets 200mg                                                  | CoA #:               | ND-25-002     |
| Product Size:       | 90 count                                                                             | Lot Number:          | MGLCS1120624  |
| Production Date:    | 12/06/2024                                                                           | Tablet Batch #:      | MGLCSLL1223UT |
| Report Date:        | 12/06/2024                                                                           | Raw Material Batch#: | MGL0400223    |
| Best By Date:       | 12/2027                                                                              | RMspec #:            | 133_v6        |
| Appearance:         | Light pink round convex tablet with single score                                     | Tablet Size:         | 12mm          |
| Other Ingredients:  | Microcrystalline Cellulose 102, Stearic Acid, Silicon Dioxide, Croscarmellose Sodium |                      |               |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1133 | Conforms | Pass      |
| Smell | Org. Tube # 1133 | Conforms | Pass      |

## Physical Testing Results:

| Test             | Specification     | Result       | Pass/Fail |
|------------------|-------------------|--------------|-----------|
| Tablet Mass Test | USP <2091> Test 1 | 462mg/tablet | Pass      |

## Analytical Testing Results:

| Test                                           | Method                                                     | Methodology    | Specification        | Result                                                                   | Pass/Fail |
|------------------------------------------------|------------------------------------------------------------|----------------|----------------------|--------------------------------------------------------------------------|-----------|
| Identity ( <i>Magnolia officinalis</i> , bark) | LAB TM-071                                                 | HPTLC          | Conforms to standard | Conforms                                                                 | Pass      |
| Assay (Honokiol + Magnolol) (dry basis)        | LAB TM-066                                                 | UPLC           | ≥ 160mg/tablet       | 192.3mg/tablet                                                           | 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 < 0.0500 ppm<br>Hg < 0.0125 ppm<br>Pb < 0.0500 ppm | Pass      |
| Water Activity                                 | LAB TM-012                                                 | Water Activity | < 0.73               | 0.27                                                                     | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

