

# Certificate of Analysis

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

| Product Information |                                                                       |                       |                |
|---------------------|-----------------------------------------------------------------------|-----------------------|----------------|
| Product Name:       | Bacognize Bacopa Monnieri Capsules 300mg                              | CoA #:                | ND-24-1028     |
| Product Size:       | 120 count                                                             | Lot Number:           | BCPCS1020223A  |
| Production Date:    | 04/26/2023                                                            | Capsule Batch #:      | BCPCFLP0121VEG |
| Report Date:        | 04/26/2023                                                            | Raw Material Batch #: | BCP0361120     |
| Best By Date:       | 04/2025                                                               | RM spec #:            | 032_v6         |
| Appearance:         | Dark beige powder with tan specs in a clear capsule                   | Capsule Size:         | Size 1         |
| Capsule Material:   | Vegetable Cellulose                                                   | Capsule Color:        | Clear          |
| Other Ingredients:  | Microcrystalline Cellulose 200, Silicon O2 Precip, Magnesium Stearate |                       |                |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1032 | Conforms | Pass      |
| Smell | Org. Tube # 1032 | Conforms | Pass      |

## Physical Testing Results:

| Test                | Specification     | Result          | Pass/Fail |
|---------------------|-------------------|-----------------|-----------|
| Capsule Fill Weight | ≥353mg/capsule    | 359.1mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 434mg/capsule   | Pass      |

## Analytical Testing Results:

| Test                      | Method                                                     | Methodology    | Specification                      | Result                                | Pass/Fail |
|---------------------------|------------------------------------------------------------|----------------|------------------------------------|---------------------------------------|-----------|
| Identity                  | LAB TM-048                                                 | HPTLC          | Sample Bands Match Reference Bands | Conforms                              | Pass      |
| Total Bacopasides Content | LAB TM-024                                                 | UPLC           | ≥ 36mg/capsule                     | 57mg/capsule                          | Pass      |
| Heavy Metals - Arsenic    | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS      | < 5.0 ppm ea.                      | 1.602                                 | Pass      |
| Heavy Metals              | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS      | < 0.5 ppm ea.                      | Cd <0.0800<br>Hg <0.0200<br>Pb 0.1949 | Pass      |
| Water Activity            | LAB TM-012                                                 | Water Activity | <0.73                              | 0.22                                  | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

