

# Certificate of Analysis

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

| Product Information |                                                                                      |                       |               |
|---------------------|--------------------------------------------------------------------------------------|-----------------------|---------------|
| Product Name:       | Ginkgo Biloba Extract Tablets 120mg                                                  | CoA #:                | ND-24-251     |
| Product Size:       | 90 count                                                                             | Lot Number:           | GKBCS1010523A |
| Production Date:    | 11/01/2023                                                                           | Tablet Batch #:       | GKBCSLL0523UT |
| Report Date:        | 11/01/2023                                                                           | Raw Material Batch #: | GKB0580323    |
| Best By Date:       | 01/2025                                                                              | RMspec #:             | 240 v2        |
| Appearance:         | Round, brown, flat faced tablet scored with a beveled edge                           | Tablet Size:          | 8mm           |
| Other Ingredients:  | Microcrystalline Cellulose 102, Stearic Acid, Silicon Dioxide, Croscarmellose Sodium |                       |               |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1240 | Conforms | Pass      |
| Smell | Org. Tube # 1240 | Conforms | Pass      |

## Physical Testing Results:

| Test             | Specification     | Result       | Pass/Fail |
|------------------|-------------------|--------------|-----------|
| Tablet Mass Test | USP <2091> Test 1 | 235mg/tablet | Pass      |

## Analytical Testing Results:

| Test                                    | Method                                                     | Methodology      | Specification  | Result                                                                 | Pass/Fail |
|-----------------------------------------|------------------------------------------------------------|------------------|----------------|------------------------------------------------------------------------|-----------|
| Identity ( <i>Ginkgo biloba</i> , leaf) | LAB TM-105                                                 | HPTLC            | Matches to BRM | Conforms                                                               | Pass      |
| Kaemperfol Glycoside Assay              | Internal HPLC H013a                                        | HPLC             | ≥ 12mg/tablet  | 12.6mg/tablet                                                          | Pass      |
| Bilobalide Assay                        | Int'l LC-MS/MS H013b                                       | LC-MS/MS         | ≥ 2.4mg/tablet | 4.6mg/tablet                                                           | Pass      |
| Loss on Drying                          | LAB TM-013                                                 | Moisture Balance | ≤ 5%           | 3.5%                                                                   | Pass      |
| Heavy Metals                            | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | ≤ 0.5 ppm ea.  | As 0.1734 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         | 0.21                                                                   | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

