

# Certificate of Analysis

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

| Product Information |                                                 |                       |                  |
|---------------------|-------------------------------------------------|-----------------------|------------------|
| Product Name:       | Gotu Kola Extract Acid Resistant Capsules 120mg | CoA #:                | ND-24-388        |
| Product Size:       | 90 count                                        | Lot Number:           | GTKCS1121123     |
| Production Date:    | 12/26/2023                                      | Capsule Batch #:      | GTXCSLL0823AR    |
| Report Date:        | 12/26/2023                                      | Raw Material Batch #: | GTX0400423       |
| Best By Date:       | 12/2025                                         | RMspec #:             | 006_v7           |
| Appearance:         | Brown Powder                                    | Capsule Size:         | 1 Acid Resistant |
| Capsule Material:   | Hypromellose (HPMC)                             | Capsule Color:        | Clear            |
| Other Ingredients:  | Microcrystalline Cellulose 101                  |                       |                  |

## Organoleptic Testing Results:

| Test  | Specification   | Result   | Pass/Fail |
|-------|-----------------|----------|-----------|
| Color | Org. Tube # 006 | Conforms | Pass      |
| Smell | Org. Tube # 006 | Conforms | Pass      |

## Physical Testing Results:

| Test                | Specification     | Result          | Pass/Fail |
|---------------------|-------------------|-----------------|-----------|
| Capsule Fill Weight | ≥228mg/capsule    | 244.9mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 320mg/capsule   | Pass      |

## Analytical Testing Results:

| Test                                                                                                                         | Method                                                     | Methodology      | Specification  | Result                                                               | Pass/Fail |
|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------|----------------|----------------------------------------------------------------------|-----------|
| Identity ( <i>Centella asiatica</i> , whole herb)                                                                            | LAB TM-085                                                 | HPTLC            | Matches to BRM | Conforms                                                             | Pass      |
| Total Triterpenes (Asiaticoside A + B, Madecassoside, Asiatic acid, Asiaticoside, Madecassic + Termilonic acids) (dry basis) | < USP 43 >                                                 | HPLC             | ≥40mg/capsule  | 55.2mg/capsule                                                       | Pass      |
| Madecassoside + Asiaticoside B                                                                                               | < USP 43 >                                                 | HPLC             | ≥18mg/capsule  | 25.2mg/capsule                                                       | Pass      |
| Asiaticoside                                                                                                                 | < USP 43 >                                                 | HPLC             | ≥18mg/capsule  | 22.8mg/capsule                                                       | Pass      |
| Loss on Drying                                                                                                               | LAB TM-013                                                 | Moisture Balance | Report Only    | 6%                                                                   | Pass      |
| Arsenic, Cadmium, Mercury and Lead                                                                                           | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | ≤ 0.5 ppm ea.  | As < 0.1250 ppm<br>Cd 0.0604 ppm<br>Hg < 0.0125 ppm<br>Pb 0.0435 ppm | Pass      |
| Water Activity                                                                                                               | LAB TM-012                                                 | Water Activity   | < 0.73         | 0.29                                                                 | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

