

# Certificate of Analysis

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

| Product Information |                                 |                       |                |
|---------------------|---------------------------------|-----------------------|----------------|
| Product Name:       | Dihydromyricetin 500mg Capsules | CoA #:                | ND-24-1434     |
| Product Size:       | 180 count                       | Lot Number:           | DMCCS2091324A  |
| Production Date:    | 09/13/2024                      | Capsule Batch #:      | DMCCSLL0824VEG |
| Report Date:        | 09/13/2024                      | Raw Material Batch #: | DMC0090324     |
| Best By Date:       | 09/2027                         | RM spec #:            | 143_v4         |
| Appearance:         | White powder in a clear capsule | Capsule Size:         | 00             |
| Capsule Material:   | Vegetable Cellulose             | Capsule Color:        | Clear          |
| Other Ingredients:  | Vegetable Cellulose             |                       |                |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1143 | Conforms | Pass      |
| Smell | Org. Tube # 1143 | Conforms | Pass      |

## Physical Testing Results:

| Test                | Specification     | Result          | Pass/Fail |
|---------------------|-------------------|-----------------|-----------|
| Capsule Fill Weight | ≥500mg/capsule    | 524.2mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 649mg/capsule   | Pass      |

## Analytical Testing Results:

| Test                               | Method                                                     | Methodology      | Specification   | Result                                                                 | Pass/Fail |
|------------------------------------|------------------------------------------------------------|------------------|-----------------|------------------------------------------------------------------------|-----------|
| Identity                           | LAB TM-001                                                 | FTIR             | ≥ 95% Match     | Conforms                                                               | Pass      |
| Dihydromyricetin Assay - Dry Basis | LAB TM-238                                                 | UPLC             | ≥ 490mg/capsule | 496.3mg/capsule                                                        | Pass      |
| Loss on Drying                     | LAB TM-013                                                 | Moisture Balance | < 8%            | 4%                                                                     | Pass      |
| Heavy Metals                       | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | ≤ 0.5 ppm ea.   | As 0.4743 ppm<br>Cd < 0.0400 ppm<br>Hg < 0.0100 ppm<br>Pb < 0.0400 ppm | Pass      |
| Water Activity                     | LAB TM-012                                                 | Water Activity   | < 0.73          | 0.25                                                                   | Pass      |

Final Approval



Kennedy Enoch, Quality Liaison

