

# Certificate of Analysis

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

| Product Information |   |                      |                |
|---------------------|---|----------------------|----------------|
| Product Name:       | Polygala tenuifolia 20:1 Extract Capsules 100mg | CoA #:               | ND-24-310      |
| Product Size:       | 180 count                                       | Lot Number:          | PTFCS1110223   |
| Production Date:    | 11/27/2023                                      | Capsule Batch #:     | PTFCENZ0323VEG |
| Report Date:        | 11/27/2023                                      | Raw Material Batch#: | PTF0200123     |
| Best By Date:       | 11/2025   | RM spec #:           | 015 v7         |
| Appearance:         | White powder in a clear capsule                 | Capsule Size:        | Size 03        |
| Capsule Material:   | Vegetable Cellulose                             | Capsule Color:       | Clear          |
| Other Ingredients:  | Microcrystalline Cellulose 101, Silicon Dioxide |                      |                |

### Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1015 | Conforms | Pass      |
| Smell | Org. Tube # 1015 | Conforms | Pass      |

### Physical Testing Results:

| Test                | Specification     | Result           | Pass/Fail |
|---------------------|-------------------|------------------|-----------|
| Capsule Fill Weight | ≥158.1mg/capsule  | 170.32mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 218.08mg/capsule | Pass      |

### Analytical Testing Results:

| Test                                | Method   | Methodology      | Specification  | Result   | Pass/Fail |
|-------------------------------------|--|------------------|----------------|--|-----------|
| Identity (Polygala tenuifolia root) | LAB TM-052   | HPTLC            | Matches to BRM | Conforms   | Pass      |
| Loss on Drying                      | LAB TM-013   | Moisture Balance | Report Only    | 4.6%   | Pass      |
| Heavy Metals                        | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | < 0.5 ppm ea.  | As 0.2233 ppm<br>Cd < 0.0500 ppm<br>Hg < 0.0125 ppm<br>Pb 0.0289 ppm | Pass      |
| Water Activity                      | LAB TM-012   | Water Activity   | < 0.73         | 0.24   | Pass      |

Final Approval



Kennedy Enoch, Quality Liaison

