

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

| Product Information |                                 |                       |                |
|---------------------|---------------------------------|-----------------------|----------------|
| Product Name:       | L-Theanine Capsules 200mg       | CoA #:                | ND-25-1877     |
| Product Size:       | 180 count                       | Lot Number:           | LTHCS1112025A  |
| Production Date:    | 11/20/2025                      | Capsule Batch #:      | LTHCSLL0925VEG |
| Report Date:        | 11/20/2025                      | Raw Material Batch #: | LTH0160525     |
| Best By Date:       | 11/2028                         | RM spec #:            | 079_v7         |
| Appearance:         | White powder in a clear capsule | Capsule Size:         | Size 1         |
| Capsule Material:   | Vegetable Cellulose             | Capsule Color:        | Clear          |
| Other Ingredients:  | Microcrystalline Cellulose      |                       |                |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1079 | Conforms | Pass      |
| Smell | Org. Tube # 1079 | Conforms | Pass      |

## Physical Testing Results:

| Test                | Specification     | Result        | Pass/Fail |
|---------------------|-------------------|---------------|-----------|
| Capsule Fill Weight | ≥300mg/capsule    | 310mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 390mg/capsule | Pass      |

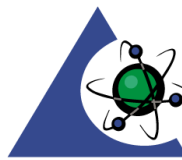
## Analytical Testing Results:

| Test               | Method                                 | Methodology             | Specification                   | Result                                                                   | Pass/Fail |
|--------------------|----------------------------------------|-------------------------|---------------------------------|--------------------------------------------------------------------------|-----------|
| Identity           | LAB TM-001                             | FTIR                    | ≥ 95% Match to Library Standard | 99% Match                                                                | Pass      |
| L-Theanine (As-is) | LAB TM-165                             | UPLC                    | ≥ 200mg/capsule                 | 205.8mg/capsule                                                          | Pass      |
| Specific Rotation  | LAB TM-007                             | Polarimeter             | +7.5° to +8.5°                  | +8.2°                                                                    | Pass      |
| Melting Point      | LAB TM-011                             | Melting Point Apparatus | 192-205°C                       | 193-194°C                                                                | Pass      |
| Loss On Drying     | LAB TM-013                             | Moisture Balance        | ≤ 0.5%                          | 0.3%                                                                     | Pass      |
| Heavy Metals       | Metals-011 & Metals-008/USP<233>/<730> | ICP/ICPMS               | ≤ 0.5 ppm ea.                   | As < 0.1000 ppm<br>Cd < 0.0400 ppm<br>Pb < 0.0400 ppm<br>Hg < 0.0100 ppm | Pass      |
| Water Activity     | LAB TM-012                             | Water Activity          | < 0.73 a <sub>w</sub>           | 0.22 a <sub>w</sub>                                                      | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison



**PJLA**  
Testing

Accreditation #113861