

# Certificate of Analysis

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

| Product Information |                   |                       |                    |
|---------------------|-------------------|-----------------------|--------------------|
| Product Name:       | L-Tyrosine Powder | CoA #:                | ND-24-1472         |
| Product Size:       | 500g              | Lot Number:           | LTYS1110624        |
| Production Date:    | 11/06/2024        | Raw Material Batch #: | LTY0090523         |
| Report Date:        | 11/06/2024        | Raw Material Spec #   | 080_v4             |
| Best By Date:       | 11/2027           | Appearance:           | White, fine powder |

**Organoleptic Testing Results:**

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1080 | Conforms | Pass      |
| Smell | Org. Tube # 1080 | Conforms | Pass      |

**Physical Testing Results:**

| Test            | Specification | Result  | Pass/Fail |
|-----------------|---------------|---------|-----------|
| Jar Fill Weight | ≥xxg/jar      | xxg/jar | Pass      |

**Ingredients**

| Test              | Method   | Methodology      | Specification   | Result   | Pass/Fail |
|-------------------|--|------------------|-----------------|--|-----------|
| Identity          | LAB TM-001   | FTIR             | ≥ 95% Match     | 100% Match   | Pass      |
| L-Tyrosine Assay  | LAB TM-173   | UPLC             | ≥ 485mg/serving | 495mg/serving  | Pass      |
| Specific Rotation | LAB TM-016   | Polarimeter      | -9.8° to -11.2° | -10.5°   | Pass      |
| Loss on Drying    | LAB TM-013   | Moisture Balance | Report Only     | 0.5%   | Pass      |
| Heavy Metals      | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | ≤ 0.5 ppm ea.   | As < 0.0625 ppm<br>Cd < 0.0250 ppm<br>Hg < 0.0100 ppm<br>Pb < 0.0250 ppm | Pass      |
| Water Activity    | LAB TM-012   | Water Activity   | < 0.73          | 0.23   | Pass      |

Final Approval:



Kennedi Enoch, Quality Liaison



Accreditation #113861