

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

| Product Information |                         |                       |                    |
|---------------------|-------------------------|-----------------------|--------------------|
| Product Name:       | DL-Phenylalanine Powder | CoA #:                | ND-25-1753         |
| Product Size:       | 250g                    | Lot Number:           | DLPS1101525        |
| Production Date:    | 10/15/2025              | Raw Material Batch #: | DLPA0050424        |
| Report Date:        | 10/15/2025              | Raw Material Spec #   | 074 v8             |
| Best By Date:       | 10/2028                 | Appearance:           | White, fine powder |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1074 | Conforms | Pass      |
| Smell | Org. Tube # 1074 | Conforms | Pass      |

## Physical Testing Results:

| Test            | Specification | Result   | Pass/Fail |
|-----------------|---------------|----------|-----------|
| Jar Fill Weight | ≥250g/jar     | 250g/jar | Pass      |

## Ingredients

| Test                                   | Method                                                     | Methodology      | Specification                   | Result                                                                   | Pass/Fail |
|----------------------------------------|------------------------------------------------------------|------------------|---------------------------------|--------------------------------------------------------------------------|-----------|
| Identity                               | LAB TM-001                                                 | FTIR             | ≥ 95% Match to Library Standard | 100%                                                                     | Pass      |
| Assay - DL - phenylalanine (dry basis) | LAB TM-173                                                 | UPLC             | ≥ 97% on dry basis              | 97%                                                                      | Pass      |
| Loss on Drying                         | LAB TM-013                                                 | Moisture Balance | ≤ 0.5%                          | 0.5%                                                                     | Pass      |
| Heavy Metals                           | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | ≤ 0.5 ppm ea.                   | As < 0.1000 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                          | 0.29                                                                     | Pass      |

Final Approval:



Kennedi Enoch, Quality Liaison

