

# Certificate of Analysis

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

| Product Information |                                              |                       |                |
|---------------------|----------------------------------------------|-----------------------|----------------|
| Product Name:       | Magtein Magnesium L-Threonate Capsules 667mg | CoA #:                | ND-24-790      |
| Product Size:       | 540 count                                    | Lot Number:           | MAGCS1032224   |
| Production Date:    | 04/29/2024                                   | Capsule Batch #:      | MAGCSLL0124VEG |
| Report Date:        | 04/29/2024                                   | Raw Material Batch #: | MAG0010124     |
| Best By Date:       | 04/2026                                      | RM spec #:            | 121_v4         |
| Appearance:         | White powder in clear capsule                | Capsule Size:         | Size 0         |
| Capsule Material:   | Vegetable Cellulose                          | Capsule Color:        | Clear          |
| Other Ingredients:  | Magnesium Stearate                           |                       |                |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1121 | Conforms | Pass      |
| Smell | Org. Tube # 1121 | Conforms | Pass      |

## Physical Testing Results:

| Test                | Specification     | Result          | Pass/Fail |
|---------------------|-------------------|-----------------|-----------|
| Capsule Fill Weight | ≥671.5mg/capsule  | 711.4mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 808.7mg/capsule | Pass      |

## Analytical Testing Results:

| Test            | Method                                                     | Methodology      | Specification | Result                                                | Pass/Fail |
|-----------------|------------------------------------------------------------|------------------|---------------|-------------------------------------------------------|-----------|
| Identity        | LAB TM-001                                                 | FTIR             | ≥ 95% match   | 99%                                                   | Pass      |
| Magnesium Assay | ICP-MS Metals - USP <730> Apex Metals-011/Metals-008       | ICP/ICPMS        | 48mg/capsule  | 55.1mg/capsule                                        | Pass      |
| Loss on Drying  | LAB TM-013                                                 | Moisture Balance | ≤ 5%          | 0.6%                                                  | 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 | Pass      |
| Heavy Metals    | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | ≤ 0.2 ppm     | Pb < 0.0400 ppm                                       | Pass      |
| Water Activity  | LAB TM-012                                                 | Water Activity   | < 0.73        | 0.12                                                  | Pass      |

Final Approval

*Kennedi Enoch*

Kennedi Enoch, Quality Liaison

