

# Certificate of Analysis

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

| Product Information |   |                       |               |
|---------------------|---|-----------------------|---------------|
| Product Name:       | Shoden Ashwagandha Extract Capsules 120mg                           | CoA #:                | ND-24-909     |
| Product Size:       | 30 count  | Lot Number:           | SHACS1032824A |
| Production Date:    | 03/03/2024  | Capsule Batch #:      | SHACSL0224VEG |
| Report Date:        | 03/03/2024  | Raw Material Batch #: | SHAG0530224   |
| Best By Date:       | 03/2026   | RM spec #:            | 215 v4        |
| Appearance:         | Beige powder in clear capsule                                       | Capsule Size:         | Size 3        |
| Capsule Material:   | Vegetable Cellulose   | Capsule Color:        | Clear         |
| Other Ingredients:  | Microcrystalline Cellulose 101, Silicon Dioxide, Magnesium Stearate |                       |               |

### Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 2215 | Conforms | Pass      |
| Smell | Org. Tube # 2215 | Conforms | Pass      |

### Physical Testing Results:

| Test                | Specification     | Result          | Pass/Fail |
|---------------------|-------------------|-----------------|-----------|
| Capsule Fill Weight | ≥179mg/capsule    | 187.2mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 236.5mg/capsule | Pass      |

### Analytical Testing Results:

| Test   | Method   | Methodology      | Specification  | Result   | Pass/Fail |
|--|--|------------------|----------------|--|-----------|
| Identity - ( <i>Withania Somnifera</i> , Leaf) | LAB TM-047   | HPTLC            | Matches to BRM | Conforms   | Pass      |
| Identity - <i>Withania Somnifera</i> , (Root)  | LAB TM-155   | HPTLC            | Matches to BRM | Conforms   | Pass      |
| Total Glycowithanolides (Shoden STAG)          | LAB TM-247   | UPLC             | ≥ 42mg/capsule | 61.5mg/capsule   | Pass      |
| Assay - Withaferin A                           | LAB TM-247   | UPLC             | Report Only    | 8%   | N/A       |
| Loss on Drying                                 | LAB TM-013   | Moisture Balance | ≤ 5%           | 3%   | 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         | 0.18   | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

