

# Certificate of Analysis

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

| Product Information |                                                                 |                       |               |
|---------------------|-----------------------------------------------------------------|-----------------------|---------------|
| Product Name:       | Pregnenolone Quick Dissolve Tablets 5mg                         | CoA #:                | ND-24-419     |
| Product Size:       | 120 count                                                       | Lot Number:           | PMPCS1122723  |
| Production Date:    | 12/15/2023                                                      | Capsule Batch #:      | PMPCSLL0723ST |
| Report Date:        | 12/15/2023                                                      | Raw Material Batch #: | PMP0330323    |
| Best By Date:       | 12/2025                                                         | RMspec #:             | 535_v1        |
| Appearance:         | White, round scored tablet                                      | Tablet Size:          | 8mm           |
| Other Ingredients:  | Sorbitol, Stearic Acid, Flavor Powder, Strawberry flavor powder |                       |               |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1535 | Conforms | Pass      |
| Smell | Org. Tube # 1535 | Conforms | Pass      |

## Physical Testing Results:

| Test             | Specification     | Result       | Pass/Fail |
|------------------|-------------------|--------------|-----------|
| Tablet Mass Test | USP <2091> Test 1 | 200mg/tablet | Pass      |

## Analytical Testing Results:

| Test                             | Method                                                     | Methodology             | Specification  | Result                                                                       | Pass/Fail |
|----------------------------------|------------------------------------------------------------|-------------------------|----------------|------------------------------------------------------------------------------|-----------|
| Identity                         | LAB TM-001                                                 | FTIR                    | ≥ 95% Match    | 100%                                                                         | Pass      |
| Assay - Pregnenolone (dry basis) | LAB TM-218                                                 | UPLC                    | ≥ 5mg/tablet   | 5.5mg/tablet                                                                 | Pass      |
| Melting Point                    | LAB TM-011                                                 | Melting Point Apparatus | 185-193°C      | 183-190°C                                                                    | Pass      |
| Loss on Drying                   | LAB TM-013                                                 | Moisture Balance        | ≤ 0.5%         | 0.4%                                                                         | Pass      |
| Heavy Metals                     | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS               | ≤ 0.5 ppm each | As: < 0.1250 ppm<br>Cd: < 0.0500 ppm<br>Hg: < 0.0125 ppm<br>Pb: < 0.0500 ppm | Pass      |
| Water Activity                   | LAB TM-012                                                 | Water Activity          | < 0.73         | 0.37                                                                         | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

