

Certificate of Analysis

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

| Product Information | | | |
|---------------------|--|-----------------------|---------------|
| Product Name: | Beta Ecdysterone 50% Tablets 500mg | CoA #: | ND-24-1031 |
| Product Size: | 90 count | Lot Number: | BESCS1050324 |
| Production Date: | 05/18/2024 | Tablet Batch #: | BESCSLL1222UT |
| Report Date: | 05/18/2024 | Raw Material Batch #: | BES0581222 |
| Best By Date: | 05/2027 | RMSpec #: | 290_v1 |
| Appearance: | Light brown round tablet with bisect | Tablet Size: | 12mm |
| Other Ingredients: | Microcrystalline Cellulose, Stearic Acid, Silicon Dioxide, Croscarmellose Sodium, Magnesium Stearate | | |

Organoleptic Testing Results:

| Test | Specification | Result | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1290 | Conforms | Pass |
| Smell | Org. Tube # 1290 | Conforms | Pass |

Physical Testing Results:

| Test | Specification | Result | Pass/Fail |
|------------------|-------------------|----------------|-----------|
| Tablet Mass Test | USP <2091> Test 1 | 654.1mg/tablet | Pass |

Analytical Testing Results:

| Test | Method | Methodology | Specification | Result | Pass/Fail |
|--|--|------------------|--|--|-----------|
| Identity (<i>Cyanotis arachnoidea</i> , root) | HPTLC | HPTLC | Sample Bands Match Reference Bands | Conforms | Pass |
| Assay - b-ecdysterone (dry basis) | LAB TM-179 | UPLC | ≥ 250mg/tablet | 257.1mg/tablet | Pass |
| Assay - total Sterones (as is basis) | LAB TM-179 | UPLC | Report Only (as is basis) | 262.6mg/tablet | N/A |
| Loss on Drying | LAB TM-013 | Moisture Balance | ≤ 5% | 4% | Pass |
| Heavy Metals | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS | As ≤ 2.0ppm Cd ≤ 1.0ppm Hg ≤ 0.1ppm Pb ≤ 3.0ppm | As 1.2350 ppm Cd 0.0337 ppm Hg < 0.0125 ppm Pb 0.1000 ppm | Pass |
| Water Activity | LAB TM-012 | Water Activity | < 0.73 | 0.33 | Pass |

Final Approval



Kennedy Enoch, Quality Liaison

