

# Certificate of Analysis

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

| Product Information |                                                                                      |                 |                         |
|---------------------|--------------------------------------------------------------------------------------|-----------------|-------------------------|
| Product Name:       | Epicatechin 90% Tablets 200mg + Piperine 6mg                                         | CoA #:          | ND-25-205               |
| Product Size:       | 30 count                                                                             | Lot Number:     | ECPCS1012225A           |
| Production Date:    | 01/22/2025                                                                           | Tablet Batch #: | ECPCSL1023UT            |
| Report Date:        | 01/22/2025                                                                           | Tablet Size:    | 8mm Round               |
| Best By Date:       | 01/2028                                                                              | Appearance:     | White tablet with score |
| Other Ingredients:  | Microcrystalline Cellulose 101, Stearic Acid, Croscarmellose Sodium, Silicon Dioxide |                 |                         |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 2197 | Conforms | Pass      |
| Smell | Org. Tube # 2197 | Conforms | Pass      |

## Physical Testing Results:

| Test             | Specification     | Result       | Pass/Fail |
|------------------|-------------------|--------------|-----------|
| Tablet Mass Test | USP <2091> Test 1 | 250mg/tablet | Pass      |

## Ingredients

| Ingredient Name | Content      | Raw Material Batch # | Raw Material Spec # |
|-----------------|--------------|----------------------|---------------------|
| Epicatechin 90% | 200mg/tablet | ECC0250922           | 149_v2              |
| Piperine        | 6mg/tablet   | PPR0091222           | 148_v2              |

## Analytical Testing

| Test                          | Method     | Methodology | Specification                | Result         | Pass/Fail |
|-------------------------------|------------|-------------|------------------------------|----------------|-----------|
| Identity Epicatechin          | LAB TM-001 | FTIR        | ≥ 95% match                  | 99% match      | Pass      |
| Identity (Piper nigrum seed)  | LAB TM-046 | HPTLC       | Matches to In-House Standard | Conforms       | Pass      |
| Assay Epicatechin (Dry Basis) | LAB TM-101 | UPLC        | ≥ 180mg/tablet               | 201.7mg/tablet | Pass      |
| Assay (piperine)              | LAB TM-226 | HPLC        | ≥ 6mg/tablet                 | 6.1mg/tablet   | Pass      |

| Test           | Method                                                     | Methodology    | Specification | Result                                                         | Pass/Fail |
|----------------|------------------------------------------------------------|----------------|---------------|----------------------------------------------------------------|-----------|
| Heavy Metals   | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS      | < 0.5 ppm ea. | As <0.123 ppm<br>Cd 0.049 ppm<br>Hg <0.012 ppm<br>Pb <0.049ppm | Pass      |
| Water Activity | LAB TM-012                                                 | Water Activity | < 0.73        | 0.68                                                           | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

