

# Certificate of Analysis

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

| Product Information |                                                                          |                 |                            |
|---------------------|--------------------------------------------------------------------------|-----------------|----------------------------|
| Product Name:       | Super B12 Quick Dissolve Tablets                                         | CoA #:          | ND-25-025                  |
| Product Size:       | 60 count                                                                 | Lot Number:     | SBTCS1123124               |
| Production Date:    | 12/31/2024                                                               | Tablet Batch #: | SBTCSLL0823ST              |
| Report Date:        | 12/31/2024                                                               | Tablet Size:    | 8mm flat with single score |
| Best By Date:       | 12/2027                                                                  | Appearance:     | Pink with red specs        |
| Other Ingredients:  | Sorbitol, Strawberry and Strawberry Lemonade Flavor Powder, Stearic Acid |                 |                            |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 2209 | Conforms | Pass      |
| Smell | Org. Tube # 2209 | Conforms | Pass      |

## Physical Testing Results:

| Test             | Specification     | Result       | Pass/Fail |
|------------------|-------------------|--------------|-----------|
| Tablet Mass Test | USP <2091> Test 1 | 201mg/tablet | Pass      |

## Ingredients

| Ingredient Name  | Content      | Raw Material Batch # | Raw Material Spec # |
|------------------|--------------|----------------------|---------------------|
| Methylcobalamin  | 0.5mg/tablet | MTC0200221           | 209_v2              |
| Hydroxocobalamin | 0.5mg/tablet | HXC0200221           | 208_v2              |

## Analytical Testing

| Test                      | Method     | Methodology | Specification              | Result        | Pass/Fail |
|---------------------------|------------|-------------|----------------------------|---------------|-----------|
| Identity Methylcobalamin  | LAB TM-001 | FTIR        | Matches Reference Material | Conforms      | Pass      |
| Identity-Hydroxocobalamin | LAB TM-001 | FTIR        | Matches Reference Material | Conforms      | Pass      |
| Assay- Methylcobalamin    | LAB TM-190 | LC-MS       | ≥ 0.56mg/tablet            | 0.6mg/tablet  | Pass      |
| Assay- Hydroxocobalamin   | LAB TM-190 | LC-MS       | ≥ 0.56mg/tablet            | 0.52mg/tablet | Pass      |

| Test           | Method                                                     | Methodology    | Specification | Result                                                           | Pass/Fail |
|----------------|------------------------------------------------------------|----------------|---------------|------------------------------------------------------------------|-----------|
| Heavy Metals   | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS      | < 1.0 ppm ea. | As 0.9804 ppm<br>Cd 0.0500 ppm<br>Hg 0.0125 ppm<br>Pb 0.0465 ppm | Pass      |
| Water Activity | LAB TM-012                                                 | Water Activity | < 0.73        | 0.20                                                             | Pass      |

Final Approval

*Kennedi Enoch*

Kennedi Enoch, Quality Liaison

