

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

| Product Information |                                                                                                                                                                      |                 |                                       |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------|
| Product Name:       | Vitamin D3 + K2 (MK-7) With Vitamin C Tablets                                                                                                                        | CoA #:          | ND-25-619                             |
| Product Size:       | 60 count                                                                                                                                                             | Lot Number:     | VDKCS1122424                          |
| Production Date:    | 12/24/2024                                                                                                                                                           | Tablet Batch #: | VKKCSLL0624UT                         |
| Report Date:        | 12/24/2024                                                                                                                                                           | Tablet Size:    | 12mm Round                            |
| Best By Date:       | 12/2027                                                                                                                                                              | Appearance:     | White, round tablet with single score |
| Other Ingredients:  | β- Cyclodextrin, Modified Starch, Sucrose, Maltodextrin, Vegetable Oil, Tocopherol, Silicon Dioxide, Microcrystalline Cellulose, Croscarmellose Sodium, Stearic Acid |                 |                                       |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1228 | Conforms | Pass      |
| Smell | Org. Tube # 1228 | Conforms | Pass      |

## Physical Testing Results

| Test             | Specification     | Result         | Pass/Fail |
|------------------|-------------------|----------------|-----------|
| Tablet Mass Test | USP <2091> Test 1 | 423.1mg/tablet | Pass      |

## Ingredients

| Ingredient Name                  | Content       | Raw Material Batch # | Raw Material Spec # |
|----------------------------------|---------------|----------------------|---------------------|
| Vitamin D3 NON-VEGAN 100,000iu/g | 125mcg/tablet | VD30090524           | 232_v5              |
| K2 (MK7 2%)                      | 100mcg/tablet | VKS0201022           | 541                 |
| Vitamin C (ascorbic acid)        | 225mg/tablet  | VMC0090524           | 234                 |

## Analytical Testing

| Test                                              | Method     | Methodology | Specification                     | Result        | Pass/Fail |
|---------------------------------------------------|------------|-------------|-----------------------------------|---------------|-----------|
| Identity Vitamin D3 NON-VEGAN 100,000iu/g         | LAB TM-001 | FTIR        | ≥ 95% Match to Reference Standard | 98%           | Pass      |
| Identity Vitamin K2 MK-7 2%                       | LAB TM-001 | FTIR        | ≥ 95% match                       | Conforms      | Pass      |
| Identity Vitamin C (ascorbic acid)                | LAB TM-001 | FTIR        | ≥ 95% Match to Reference Standard | 100%          | Pass      |
| Vitamin D3 (as Microencapsulated Cholecalciferol) | LAB TM-127 | UPLC        | ≥ 125mcg/tablet                   | 149mcg/tablet | Pass      |
| Vitamin K2 (as Menaquinone MK-7)                  | LAB TM-130 | UPLC        | ≥ 100mcg/tablet                   | 100mcg/tablet | Pass      |
| Vitamin C (as Ascorbic Acid)                      | LAB TM-157 | Titration   | ≥ 225mg/tablet                    | 254mg/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 <0.099 ppm<br>Cd 0.040 ppm<br>Hg <0.010 ppm<br>Pb <0.039 ppm | Pass      |
| Water Activity | LAB TM-012                                                 | Water Activity | < 0.73        | 0.25                                                            | Pass      |

Final Approval



Kennedy Enoch, Quality Liaison

