

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

| Product Information |                                                    |                       |                |
|---------------------|----------------------------------------------------|-----------------------|----------------|
| Product Name:       | High Potency Saffron Extract Capsules 30mg         | CoA #:                | ND-25-452      |
| Product Size:       | 180 count                                          | Lot Number:           | SAFCS1120324   |
| Production Date:    | 12/03/2024                                         | Capsule Batch #:      | SAFCSLL1123VEG |
| Report Date:        | 12/03/2024                                         | Raw Material Batch #: | SAF0771123     |
| Best By Date:       | 12/2027                                            | RM spec #:            | 279 v4         |
| Appearance:         | Opaque orange powder in a clear capsule            | Capsule Size:         | Size 3         |
| Capsule Material:   | Vegetable Cellulose                                | Capsule Color:        | Clear          |
| Other Ingredients:  | Microcrystalline Cellulose 101, Magnesium Stearate |                       |                |

## Organoleptic Testing Results:

| Test  | Specification    | Result   | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1279 | Conforms | Pass      |
| Smell | Org. Tube # 1279 | Conforms | Pass      |

## Physical Testing Results:

| Test                | Specification     | Result          | Pass/Fail |
|---------------------|-------------------|-----------------|-----------|
| Capsule Fill Weight | ≥163.5mg/capsule  | 170.7mg/capsule | Pass      |
| Capsule Mass Test   | USP <2091> Test 1 | 220mg/capsule   | Pass      |

## Analytical Testing Results:

| Test                                                   | Method                                                     | Methodology      | Specification                  | Result                                                                   | Pass/Fail |
|--------------------------------------------------------|------------------------------------------------------------|------------------|--------------------------------|--------------------------------------------------------------------------|-----------|
| Identification -<br>( <i>Crocus sativus</i> , stigmas) | LAB TM-168                                                 | HPTLC            | Conforms to Reference Standard | Conforms                                                                 | Pass      |
| Assay - Safranals                                      | LAB TM-169                                                 | HPLC             | ≥ 0.3mg/capsule                | 1mg/capsule                                                              | Pass      |
| Assay - Crocins                                        | LAB TM-169                                                 | HPLC             | ≥ 2.3mg/capsule                | 3mg/capsule                                                              | Pass      |
| Loss on Drying                                         | LAB TM-013                                                 | Moisture Balance | ≤ 5.0%                         | 1.5%                                                                     | Pass      |
| Heavy Metals                                           | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS        | ≤ 0.5 ppm ea.                  | 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                         | 0.05                                                                     | Pass      |

Final Approval



Kennedi Enoch, Quality Liaison

