

Certificate of Analysis

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

| Product Information | | | |
|---------------------|---|------------------|--------------|
| Product Name: | Smart PS™ Phosphatidylserine Softgels 100mg | CoA #: | ND-23-031 |
| Product Size: | 60 count | Lot Number: | SPSCS1062023 |
| Production Date: | 07/06/2023 | Softgel Batch #: | SPS0310223 |
| Report Date: | 07/06/2023 | Softgel Spec#: | 087_v4 |
| Best By Date: | 06/2025 | Softgel Size: | 12mm |
| Appearance: | Red/brown color filled in an oval, clear softgel | | |
| Other Ingredients: | Gelatin, Glycerin, Polyglycitol Syrup, Purified Water | | |

Organoleptic Testing Results:

| Test | Specification | Result | Pass/Fail |
|-------|------------------|----------|-----------|
| Color | Org. Tube # 1087 | Conforms | Pass |
| Smell | Org. Tube # 1087 | Conforms | Pass |

Physical Testing Results:

| Test | Specification | Result | Pass/Fail |
|-------------------|-------------------|-----------------|-----------|
| Softgel Mass Test | USP <2091> Test 1 | 949.2mg/softgel | Pass |

Analytical Testing Results:

| Test | Method | Methodology | Specification | Result | Pass/Fail |
|--|--|---------------------|---------------|--|-----------|
| Identity | LAB TM-001 | FTIR | ≥ 95% Match | 98% Match | Pass |
| Assay (Total Phosphatidylserine) | ³¹ P NMR | ³¹ P NMR | ≥ 100 mg/sg | 113 mg/sg | Pass |
| Assay (Total Phosphatidylcholine) | ³¹ P NMR | ³¹ P NMR | ≥ 25 mg/sg | 33 mg/sg | Pass |
| Assay (Total Phosphatidyl-ethanolamine) | ³¹ P NMR | ³¹ P NMR | ≥ 2.5 mg/sg | 11 mg/sg | Pass |
| Heavy Metals | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS | ≤ 0.5 ppm ea. | As < 0.0668 ppm Cd < 0.0267 ppm Hg < 0.0100 ppm Pb 0.0260 ppm | Pass |
| Water Activity | LAB TM-012 | Water Activity | < 0.73 | 0.45 | Pass |

Final Approval



Caitlin Staab, Laboratory Supervisor

