

# 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-24-505
Product Size:	120 count	Lot Number:	SPSCS1010824
Production Date:	02/08/2024	Softgel Batch #:	SPS0310223
Report Date:	02/08/2024	Softgel Spec #:	087_v4
Best By Date:	01/2026	Softgel Size:	12mm
Appearance:	Red/brown color filled in an oval, clear softgel		
Other Ingredients:	Gelatin, Glycerin, Polyglycitol Syrup		

### 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)	<sup>31</sup> P NMR	<sup>31</sup> P NMR	≥ 100 mg/sg	113 mg/sg	Pass
Assay (Total Phosphatidylcholine)	<sup>31</sup> P NMR	<sup>31</sup> P NMR	≥ 25 mg/sg	33 mg/sg	Pass
Assay (Total Phosphatidylethanolamine)	<sup>31</sup> P NMR	<sup>31</sup> 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



Kennedi Enoch, Quality Liaison

