

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-24-1519
Product Size:	60 count	Lot Number:	SPSCS1092424
Production Date:	09/24/2024	Softgel Batch #:	SPS0310924
Report Date:	09/24/2024	Softgel Spec#:	087_v4
Best By Date:	09/2027	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	512.8mg/softgel	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match to Library Standard	99%	Pass
Assay - (Total Phosphatidylserine)	³¹ P NMR	³¹ P NMR	≥ 100 mg/sg	110 mg/sg	Pass
Assay - (Total Phosphatidylcholine)	³¹ P NMR	³¹ P NMR	≥ 25 mg/sg	33 mg/sg	Pass
Assay - (Total Phosphatidylethanolamine)	³¹ P NMR	³¹ P NMR	≥ 2.5 mg/sg	12.2 mg/sg	Pass
Heavy Metals	Metals-011 & Metals-008/USP<233>/<730>	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.0580 ppm Cd < 0.0232 ppm Pb 0.0329 ppm Hg < 0.0058 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.47	Pass

Final Approval



Kennedy Enoch, Quality Liaison

