

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

Product Information			
Product Name:	DL-Phenylalanine Capsules 500mg	CoA #:	ND-25-877
Product Size:	180 count	Lot Number:	DLPACS1112524
Production Date:	11/25/2024	Capsule Batch #:	DLPACSL0524VEG
Report Date:	11/25/2024	Raw Material Batch #:	DLPA0050424
Best By Date:	11/2027	RM spec #:	074_v7
Appearance:	White powder in a clear capsule	Capsule Size:	Size 00
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose 101		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1074	Conforms	Pass
Smell	Org. Tube # 1074	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥580mg/capsule	605.2mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	730mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match to Library Standard	100%	Pass
Assay - DL - phenylalanine (dry basis)	LAB TM-173	UPLC	≥ 500mg/capsule	506.9mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 0.5%	0.5%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.1000 ppm Cd < 0.0400 ppm Hg < 0.0100 ppm Pb < 0.0400 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.29	Pass

Final Approval



Kennedy Enoch, Quality Liaison

