

# Certificate of Analysis

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

Product Information			
Product Name:	DL-Phenylalanine Capsules 500mg	CoA #:	ND-24-864
Product Size:	180 count	Lot Number:	DLPACS1040224
Production Date:	05/06/2024	Capsule Batch #:	DLPACSL0323VEG
Report Date:	05/06/2024	Raw Material Batch #:	DLPA0050223
Best By Date:	05/2026	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	602.1mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	728.6mg/capsule	Pass

### Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95%	99%	Pass
Phenylalanine Assay (Dry Basis)	LAB TM-173	UPLC	≥ 500mg/capsule	523.5mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	Report Only	0.7%	N/A
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.0625 ppm Cd < 0.0250 ppm Hg < 0.0100 ppm Pb < 0.0250 ppm	Pass
Water Activity	LAB TM-012	Water Activity	<0.73	0.23	Pass

Final Approval



Kennedy Enoch, Quality Liaison

