

# Certificate of Analysis

Page 1

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

Product Information			
Product Name:	L-Phenylalanine Powder	CoA #:	ND-24-1463
Product Size:	125g	Lot Number:	LPAS1102224
Production Date:	10/22/2024	Raw Material Batch #:	LPA0091122
Report Date:	10/22/2024	Raw Material Spec #	078
Best By Date:	10/2027	Appearance:	Fine white powder

**Organoleptic Testing Results:**

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1078	Conforms	Pass
Smell	Org. Tube # 1078	Conforms	Pass

**Physical Testing Results:**

Test	Specification	Result	Pass/Fail
Jar Fill Weight	≥125g/jar	125g/jar	Pass

**Ingredients**

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95%	100%	Pass
Assay	LAB TM-029	Polarimeter	≥ 485mg/serving	500mg/serving	Pass
Specific Rotation	LAB TM-029	Polarimeter	-32.7° to -34.7 °	-33.9°	Pass
Loss on Drying	LAB TM-013	Moisture Balance	Report Only	0.5494%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As < 0.0626 ppm Cd < 0.0250 ppm Hg < 0.0100 ppm Pb < 0.0250 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.17	Pass

Final Approval:



Kennedi Enoch, Quality Liaison