

Certificate of Analysis

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

Product Information			
Product Name:	L-Theanine Capsules 200mg	CoA #:	ND-24-878
Product Size:	90 count	Lot Number:	LTHCS2032724
Production Date:	03/20/2024	Capsule Batch #:	LTHCSLL0623VEG
Report Date:	03/20/2024	Raw Material Batch #:	LTH0250822B
Best By Date:	03/2026	RM spec #:	079 v5
Appearance:	Off white powder in a clear capsule	Capsule Size:	Size 1
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose, Magnesium Stearate		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1079	Conforms	Pass
Smell	Org. Tube # 1079	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥310g/capsule	310mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	390mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95%	99%	Pass
Assay	LAB TM-007	Polarimeter	≥ 200mg/capsule	207mg/capsule	Pass
Specific Rotation	LAB TM-007	Polarimeter	+7.5° - +8.5°	+8.1°	Pass
Melting Point	LAB TM-011	Melting Point Apparatus	Report Only	204.2°C - 204.9°C	Pass
Loss on Drying	LAB TM-013	Moisture Balance	Report Only	0.4%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	<0.5 ppm ea.	As <0.0625ppm Cd <0.0250ppm Hg <0.0100ppm Pb <0.0250ppm	Pass
Water Activity	LAB TM-012	Water Activity	<0.73	0.52	Pass

Final Approval



Kennedy Enoch, Quality Liaison

