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-26-1082
Product Size:	90 count	Lot Number:	LTHCS1081426A
Production Date:	08/14/2026	Capsule Batch #:	LTHCSLL0925VEG
Report Date:	08/14/2026	Raw Material Batch #:	LTH0160525
Best By Date:	08/2029	RM spec #:	079_v7
Appearance:	White powder in a clear capsule	Capsule Size:	Size 1
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose		

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	≥300mg/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% Match to Library Standard	99% Match	Pass
L-Theanine (As-is)	LAB TM-165	UPLC	≥ 200mg/capsule	205.8mg/capsule	Pass
Specific Rotation	LAB TM-007	Polarimeter	+7.5° to +8.5°	+8.2°	Pass
Melting Point	LAB TM-011	Melting Point Apparatus	192-205°C	193-194°C	Pass
Loss On Drying	LAB TM-013	Moisture Balance	≤ 0.5%	0.3%	Pass
Heavy Metals	Metals-011 & Metals-008/USP<233>/<730>	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.1000 ppm Cd < 0.0400 ppm Pb < 0.0400 ppm Hg < 0.0100 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73 a_w	0.22 a_w	Pass

Final Approval

Kennedi Enoch, Quality Liaison

PJLA Testing
Accreditation #113861