

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-24-101
Product Size:	90 count	Lot Number:	LTHCS1083023A
Production Date:	09/12/2023	Capsule Batch #:	LTHCENZ0423VEG
Report Date:	09/12/2023	Raw Material Batch #:	LTH0251222
Best By Date:	09/2025	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	≥310mg/capsule	310mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	390mg/capsule	Pass

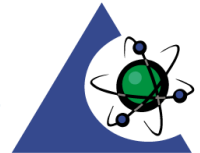
Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95%	98%	Pass
Assay - L-theanine (as is)	LAB TM-165	UPLC	≥200mg/capsule	207mg/capsule	Pass
Specific Rotation	LAB TM-007	Polarimeter	+7.5° - +8.5°	+7.5°	Pass
Melting Point	LAB TM-011	Melting Point Apparatus	202°C -215°C	Report Only	N/A
Loss on Drying	LAB TM-013	Moisture Balance	Report Only	0.6%	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 0.1162 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.31	Pass

Final Approval



Kennedi Enoch, Quality Liaison


PJLA
 Testing

Accreditation #113861