Certificate of Analysis

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

Product InformationND-26-1207			
Product Name:	L-Theanine Natrium Solution	CoA #:	ND-26-1207
Product Size:	60 mL	Lot Number:	LTHS4092826
Production Date:	09/28/2026	Raw Material Batch #:	LTH0250323
Report Date:	09/28/2026	Raw Material Spec:	079_v5
Best By Date:	09/2029	Appearance:	Light brown liquid
Other Ingredients:	Deionized Water. Monk Fruit Extract, Natural Flavor Extract, Methylparaben		

Organoleptic Testing Results:

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

Analytical Testing

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match	98% Match	Pass
L-Theanine Assay	LAB TM-007	Polarimeter	≥ 100mg/serving	100mg/serving	Pass
Specific Rotation	LAB TM-007	Polarimeter	+7.5º-+8.5º	+7.9º	Pass
Melting Point	LAB TM-011	Melting Point Apparatus	Report Only	198ºC-199.0ºC	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 0.5%	0.5%	Pass
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 <0.0504 ppm	Pass
Total Aerobic Plate Count	USP 2021	USP 2021	< 1000 CFU/g	< 100	Pass
Total Yeast	USP 2021	USP 2021	< 1000 CFU/g	< 100	Pass
Total Mold	USP 2021	USP 2021	< 1000 CFU/g	< 100	Pass
Total Coliform	mUSP 2021	mUSP 2021	< 10 CFU/g	< 10	Pass
Escherichia Coli	USP 2022	USP 2022	Absent in 25 g	Absent	Pass
Salmonella Species	USP 2022	USP 2022	Absent in 25 g	Absent	Pass
Staphylococcus aureus	USP 2022	USP 2022	Absent in 25 g	Absent	Pass

Final Approval

Kennedi Enoch, Quality Liaison

PJLA Testing
Accreditation #113861