

Report Issued To: Natrium Health, 82055 S. Priest Dr #11750, Tempe, AZ 85284

Product Information

Product Name:	L-Theanine Natrium Solution	CoA #:	ND-25-955
Product Size:	30 mL	Lot Number:	LTHS4013025
Production Date:	01/30/2025	Raw Material Batch #:	LTH0160125A
Report Date:	01/30/2025	Raw Material Spec:	079_v7
Best By Date:	01/2028	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

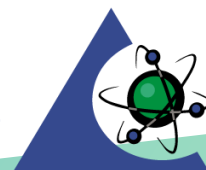
Analytical Testing

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match to Library Standard	99% Match	Pass
L-Theanine (as-is)	LAB TM-165	UPLC	≥ 98mg/serving	98mg/serving	Pass
Specific Rotation	LAB TM-007	Polarimeter	+7.5° to +8.5°	+8.4°	Pass
Melting Point	LAB TM-011	Melting Point Apparatus	191.0 - 205.0°C	191.0 to 192.2°C	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 0.5%	0.5%	Pass
Heavy Metals	Metals-011 & Metals-008/USP<233>/<730>	ICP/ICPMS	≤ 0.5 ppm	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	0.17	Pass
Agar Plate Coliform	FDA BAM/GL-422	FDA BAM/GL-422	< 100 CFU/g	< 10	Pass
Yeasts and Molds	USP< 2021> /GL-452	USP<2021>/GL-411	< 1000 CFU/g	< 10	Pass
Aerobic Plate Count	USP<2021>/GL-411	USP<2021>/GL-411	< 10000 CFU/g	< 10	Pass
E. Coli	USP< 2022>/GL-423	USP< 2022>/GL-423	Absent in 25 g	Negative	Pass
Salmonella	USP <2022>/GL-461	USP <2022>/GL-461	Absent in 25 g	Absent	Pass
Staphylococcus aureus	USP< 2022>/GL-441	USP< 2022>/GL-441	Absent in 25 g	Absent	Pass

Final Approval:



Kennedi Enoch, Quality Liaison



PJLA
Testing
Accreditation #113861