

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

Product Information			
Product Name:	L-Theanine Powder	CoA #:	ND-24-1331
Product Size:	125g	Lot Number:	LTHS1082824
Production Date:	08/28/2024	Raw Material Batch #:	LTH0250623
Report Date:	08/28/2024	Raw Material Spec #	079 v5
Best By Date:	08/2027	Appearance:	White, fine powder

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
Jar Fill Weight	≥125g/jar	125g/jar	Pass

Ingredients

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95%	98%	Pass
Assay L-Theanine	LAB TM-165	UPLC	≥ 98mg/serving	100mg/serving	Pass
Specific Rotation	LAB TM-007	Polarimeter	+7.5° - +8.5°	+8.2°	Pass
Melting Point	LAB TM-011	Melting Point Apparatus	202°C -215°C	196°C - 198°C	
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.1250 ppm Cd < 0.0500 ppm Hg < 0.0125 ppm Pb < 0.0500 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.36	Pass

Final Approval:



Kennedi Enoch, Quality Liaison

