

Certificate of Analysis

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

Product Information			
Product Name:	L-Citrulline Capsules 650mg	CoA #:	ND-24-556
Product Size:	360 count	Lot Number:	LVFCS1020524
Production Date:	03/01/2024	Capsule Batch #:	LVFCSLL1123VEG
Report Date:	03/01/2024	Raw Material Batch #:	LVF0091023
Best By Date:	03/2026	RM spec #:	550 v1
Appearance:	White powder in a clear capsule	Capsule Size:	Size 00
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Magnesium Stearate		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1550	Conforms	Pass
Smell	Org. Tube # 1550	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥689mg/capsule	690mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	810mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity - L-citrulline	LAB TM-001	FTIR	≥ 95% match	Conforms to analytical standard	Pass
Assay - L-citrulline (dry basis)	LAB TM-173	UPLC	≥ 650mg/capsule	664mg/capsule	Pass
Specific Rotation	LAB TM-232	Polarimeter	+24.5° - +26.5°	+25.5°	Pass
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 < 0.1250 ppm Cd < 0.0550 ppm Hg < 0.0125 ppm Pb < 0.0500 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.37	Pass

Final Approval



Kennedy Enoch, Quality Liaison

