

Certificate of Analysis

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

Product Information			
Product Name:	L-Carnosine Capsules 500mg	CoA #:	ND-24-868
Product Size:	180 count	Lot Number:	LCSCS1042324
Production Date:	04/23/2024	Capsule Batch #:	LCSCSLL0324VEG
Report Date:	04/23/2024	Raw Material Batch #:	LCS0160224
Best By Date:	04/2026	RM spec #:	076_v1
Appearance:	White powder in a clear capsule	Capsule Size:	Size 0
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	N/A		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1076	Conforms	Pass
Smell	Org. Tube # 1076	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥500mg/capsule	533.7mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	631mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match	98% Match	Pass
L- Carnosine Assay	LAB TM-173	UPLC	≥ 500mg/capsule	519.3mg/capsule	Pass
Specific Rotation	LAB TM-041	Polarimeter	+20° to +22°	+21°	Pass
Melting Point	LAB TM-011	Melting Point Apparatus	250 - 265 °C	251 - 255 °C	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.1000 ppm Cd < 0.0400 ppm Hg < 0.0100 ppm Pb < 0.0400 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.36	Pass

Final Approval

Kennedi Enoch

Kennedi Enoch, Quality Liaison

