

# Certificate of Analysis

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

Product Information			
Product Name:	Acetyl L-Carnitine HCl (ALCAR) Capsules 500mg	CoA #:	ND-24-1381
Product Size:	180 count	Lot Number:	ALCCS1081224
Production Date:	08/12/2024	Capsule Batch #:	ALCCSLL0224VEG
Report Date:	08/12/2024	Raw Material Batch#:	ALC0090124B
Best By Date:	08/2024	RM spec #:	061_v5
Appearance:	White powder in a clear capsule	Capsule Size:	Size 00
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose, Silicon Dioxide, Magnesium Stearate		

### Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1061	Conforms	Pass
Smell	Org. Tube # 1061	Conforms	Pass

### Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥670mg/capsule	692mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	817.8mg/capsule	Pass

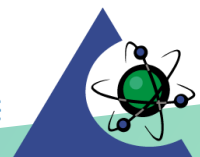
### Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95%	100%	Pass
Assay	LAB TM-017	Polarimeter	≥ 500mg/capsule	522mg/capsule	Pass
Specific Rotation	LAB TM-017	Polarimeter	-26° to -29°	-28°	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	0.39	Pass

Final Approval



Kennedi Enoch, Quality Liaison


**PJLA**  
**Testing**  
 Accreditation #113861