

# Certificate of Analysis

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

Product Information			
Product Name:	Choline L-Bitartrate Capsules 500mg	CoA #:	ND-24-195
Product Size:	90 count	Lot Number:	CBTCS1090623
Production Date:	09/26/2023	Capsule Batch #:	CBTCENZ1121VEG
Report Date:	09/26/2023	Raw Material Batch #:	CBT0090921
Best By Date:	09/2025	RM spec #:	068_v5
Appearance:	White powder in a clear capsule	Capsule Size:	Size 0
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Silicon Dioxide, Magnesium Stearate		

### Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1068	Conforms	Pass
Smell	Org. Tube # 1068	Conforms	Pass

### Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥547.7mg/capsule	547.7mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	664.8mg/capsule	Pass

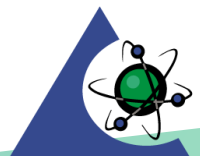
### Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match	99% Match	Pass
Choline L-Bitartrate Assay	LAB TM-015	Polarimeter	≥ 500mg/capsule	534mg/capsule	Pass
Specific Rotation	LAB TM-015	Polarimeter	+17.5°-+18.5°	+18.0°	Pass
Loss on Drying	LAB TM-013	Moisture Balance	< 1%	0.5%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As <0.0625 Cd <0.0250 Hg <0.0100 Pb <0.0250	Pass
Water Activity	LAB TM-012	Water Activity	<0.73	0.43	Pass

Final Approval



Kennedy Enoch, Quality Liaison


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