

# Certificate of Analysis

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

Product Information			
Product Name:	OmegaTAU Capsules	CoA #:	ND-24-760
Product Size:	60 count	Lot Number:	OMTCS1091523A
Production Date:	10/26/2023	Capsule Batch #:	OMTCENZ1122VEG
Report Date:	10/26/2023	Capsule Material:	Vegetable Capsule
Best By Date:	10/2025	Capsule Size:	Size 00
Appearance:	Pink powder with clear capsule	Capsule Color:	Clear
Other Ingredients:	Maltodextrin, Silicon Dioxide, Vegetable Cellulose		

## Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1250	Conforms	Pass
Smell	Org. Tube # 1250	Conforms	Pass

## Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥607mg/capsule	607.9mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	728.9mg/capsule	Pass

## Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
AvailOm 50 High DHA	275mg/capsule	AHD0690822	246
Triacetyluridine	12.5mg/capsule	TRU0201221	089
D-Alpha Tocopheryl Succin 1210	45mg/capsule	DTS0090522	243
Sesame Extract (70% Sesamins)	50mg/capsule	SSE0140722	211
Alpha-GPC (50% - Maltodextrin)	100mg/capsule	GPC50250522	195
L-5-Methyletrahydrofolate calcium	0.25mg/capsule	L5M0400121	244

## Analytical Testing

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity Triacetyluridine	LAB TM-001	FTIR	≥95%	100%	Pass
Identity D-Alpha-Tocopheryl Succinate	LAB TM-001	FTIR	≥95%	99% Match	Pass
Identity - <i>Sesamum indicum</i> , Seed	LAB TM-114	HPTLC	Matches to BRM	Conforms	Pass
Identity- Alpha GPC (50% Maltodextrin)	LAB TM-001	FTIR	≥95%	99% Match	Pass
Identity L-5-Methyletrahydrofolate calcium	LAB TM-001	FTIR	≥ 95% Match	100% Match	Pass
Assay- Docosahexaenoic acid (DHA) (as free fatty acid)	AOCS Official Methods Ce 2b-11 (2011), Ce 1h-05 (2009), Ce 1j-07 (2013), Ce 2-66 (2009)	GC/GC-MS	≥ 93.5mg/capsule	98mg/capsule	Pass
Assay- Eicosapentaenoic acid (EPA) (as free fatty acid)	AOCS Official Methods Ce 2b-11 (2011), Ce 1h-05 (2009), Ce 1j-07 (2013), Ce 2-66 (2009)	GC/GC-MS	≥ 30.3mg/capsule	37.8mg/capsule	Pass
Assay- Triacetyluridine	LAB TM-116	UV-Vis	≥12.5mg/capsule	14mg/capsule	Pass
Assay- D-Alpha-Tocopheryl Succinate	LAB TM-178	UPLC	≥45mg/capsule	51.5mg/capsule	Pass
Assay- Total Sesamins (Sesamin, Sesamol, Sesamol) (as is)	LAB TM-162	UPLC	≥35mg/capsule	40.6mg/capsule	Pass
Assay- Alpha GPC	LC-MS	LC-MS	≥50mg/capsule	55.2mg/capsule	Pass

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Test	Method	Methodology	Specification	Result	Pass/Fail
Assay - L-5-MTHF (dry basis)	LAB TM-133	UPLC	≥0.25mg/capsule	0.28mg/capsule	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As 0.104 ppm Cd 0.047 ppm Hg 0.012 ppm Pb 0.047 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.34	Pass

Final Approval




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 Kennedi Enoch, Quality Liaison
