

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-24-1193
Product Size:	60 count	Lot Number:	OMTCS1050624
Production Date:	05/11/2024	Capsule Batch #:	OMTCSLL0124VEG
Report Date:	05/11/2024	Capsule Material:	Vegetable Capsule
Best By Date:	05/2027	Capsule Size:	Size 00
Appearance:	Beige powder in a clear capsule	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose 101, Stearic Acid, Silicon Dioxide		

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	≥637mg/capsule	637.3mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	710mg/capsule	Pass

Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
AvailOm 50 High DHA	275mg/capsule	AHD0690223	246_v6
Triacetyluridine	12.5mg/capsule	TRU0200123	089_v4
D-Alpha Tocopheryl Succin 1210	45mg/capsule	DTS0090321	243
Sesame Extract (70% Sesamins)	50mg/capsule	SSE0140223	211_v3
Alpha-GPC (50% - Maltodextrin)	100mg/capsule	GPC5D0160223	195
L-5-Methyletrahydrofolate calcium	0.250mg/capsule	L5M0400823	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
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	108.8mg/capsule	Pass
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	37.2mg/capsule	Pass
Triacetyluridine Assay	LAB TM-116	UV-Vis	≥12.5mg/capsule	13.5mg/capsule	Pass
D-Alpha-Tocopheryl Succinate Assay	LAB TM-178	UPLC	≥45mg/capsule	47.5mg/capsule	Pass

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Test	Method	Methodology	Specification	Result	Pass/Fail
Total Sesamins (Sesamin, Sesamol, Sesamol) (as is) Assay	LAB TM-162	UPLC	≥35mg/capsule	36.6mg/capsule	Pass
Alpha GPC Assay	LC-MS	LC-MS	≥50mg/capsule	56mg/capsule	Pass
Assay - L-5-MTHF (dry basis)	GL-639/Ion Pairing UPLC	UPLC	≥0.25mg/capsule	0.26mg/capsule	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As 0.109 ppm Cd 0.049 ppm Hg 0.012 ppm Pb 0.049 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.27	Pass

Final Approval



Kennedi Enoch, Quality Liaison

