

Certificate of Analysis

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

Product Information			
Product Name:	OmegaTAU-V Capsules	CoA #:	ND-24-823
Product Size:	60 count	Lot Number:	OMVCS1090722
Production Date:	09/15/2022	Capsule Batch #:	OMVCSLL0822VEG
Report Date:	09/15/2022	Capsule Material:	Vegetable Capsule
Best By Date:	09/2024	Capsule Size	Size 00
Appearance:	Beige powder in a clear capsule	Capsule Color:	Clear
Other Ingredients:	MCC, Silicon Dioxide, Steric Acid, Dicalcium Phosphate, Maltodextrin, Vegetable Cellulose		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 2251	Conforms	Pass
Smell	Org. Tube # 2251	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥604mg/capsule	604.5mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	728.5mg/capsule	Pass

Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
AvailOm 50 High DHA Algae (EPA/DHA 1%/48%)	200mg/capsule	ADA0690721	254
Triacetyluridine	12.5mg/capsule	TRU0201221	089
D-Alpha Tocopheryl Succinate	45mg/capsule	DTS0090522	243
Sesame Extract (70% Sesamins)	50mg/capsule	SSE0140120	211
Alpha-GPC (50% - Maltodextrin)	100mg/capsule	GPC50250522	195
Methylcobalamin	0.25mg/capsule	MTC0200221	209
Potassium Iodide trituration (1% iodine)	5mg/capsule	IT10090522	293
L-5-Methyletrahydrofolate calcium	0.250mg/capsule	L5M0400522	244
Selenium Yeast Powder .2%	13.75mg/capsule	SEY0090522	291
Iron Bisglycinate, 9mg Iron	45mg/capsule	FBI0090522	211

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- Methylcobalamin	LAB TM-001	FTIR	Matches Reference Material	Conforms	Pass
Identity Iodide Trituration 1% on DCP	LAB TM-001	FTIR	≥ 95%	Conforms	Pass
Identity- L-5 Methyletrahydrofolate calcium	LAB TM-001	FTIR	≥ 95% Match	100% Match	Pass
Identity- Selenium Yeast	LAB TM-001	FTIR	≥ 95% match	Conforms	Pass
Identity- Ferrous Bisglycinate	LAB TM-001	FTIR	≥ 95% match	Conforms	Pass

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Product Information			
Product Name:	OmegaTAU-V Capsules	CoA #:	ND-24-823
Product Size:	60 count	Lot Number:	OMVCS1090722

Test	Method	Methodology	Specification	Result	Pass/Fail
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	≥ 96mg/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	≥ 2mg/capsule	4mg/capsule	Pass
Assay- Uridine Assay	LAB TM-116	UV-Vis	≥12.5mg/capsule	15.7mg/capsule	Pass
Assay- D-Alpha-Tocopheryl Succinate	LAB TM-178	UPLC	≥45mg/capsule	55mg/capsule	Pass
Assay- Total Sesamins (Sesamin, Sesamol, Sesamol) (as is)	LAB TM-162	UPLC	≥50mg/capsule	56mg/capsule	Pass
Alpha GPC Assay	LC-MS	LC-MS	≥50mg/capsule	59mg/capsule	Pass
Methylcobalamin Assay	GL-610	UPLC	Report Only	0.12mg/capsule	N/A
Assay - Potassium Iodide (as is basis)	USP KI Monograph	Titration	≥0.05mg/capsule	0.085mg/capsule	Pass
Assay - L-5-MTHF (dry basis)	GL-639/Ion Pairing UPLC	UPLC	≥0.25mg/capsule	0.25mg/capsule	Pass
Selenium Assay (As Is Basis)	ICP-MS Metals - USP <730>/Apex Metals-011/Metals-008	ICP/ICPMS	≥ 2,000 ppm	2,152 ppm	Pass
Iron Assay (Dry Basis)	ICP-MS Metals - USP <730>/Apex Metals-011/Metals-008	ICP/ICPMS	≥9mg/capsule	≥11mg/capsule	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As 0.094 ppm Cd 0.423 ppm Hg 0.011 ppm Pb 0.068 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.50	Pass

Final Approval



Kennedi Enoch, Quality Liaison

