

Certificate of Analysis

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

Product Information			
Product Name:	Palmitoylethanolamide Capsules 400mg	CoA #:	ND-24-1206
Product Size:	60 count	Lot Number:	PEACS1082024A
Production Date:	08/20/2024	Capsule Batch #:	PEACSL0923VEG
Report Date:	08/20/2024	Raw Material Batch #:	PEA0760823
Best By Date:	08/2027	RM spec #:	085_v5
Appearance:	White powder in a clear capsule	Capsule Size:	Size 00
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose 101		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1085	Conforms	Pass
Smell	Org. Tube # 1085	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥491.96mg/capsule	424.2mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	549mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% match	99% match	Pass
Assay	H qNMR	H qNMR	≥ 400mg/capsule	412.8mg/capsule	Pass
Melting Point	LAB TM-011	Melting Point Apparatus	96.5°C-100.5°C	97.7°C-100.9°C	Pass
Loss on Drying	LAB TM-013	Moisture Balance	Report Only	0.2%	N/A
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm each	As < 0.1250 ppm Cd < 0.0500 ppm Hg < 0.0125 ppm Pb < 0.0500 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.42	Pass

Final Approval



Kennedi Enoch, Quality Liaison

