Certificate of Analysis

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

Product Information			
Product Name:	Palmitoylethanolamide Capsules | Micronized PEA 400mg	CoA #:	ND-26-1187
Product Size:	180 count	Lot Number:	PEACS1091126A
Production Date:	09/11/2026	Capsule Batch #:	PEACSLL0126VEG
Report Date:	09/11/2026	Raw Material Batch #:	PEA0160425
Best By Date:	09/2029	RM spec #:	085_v7
Appearance:	White powder in a clear capsule	Capsule Size:	Size 00
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Magnesium Stearate		

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	≥405mg/capsule	425mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	545.07mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match to Library Standard	98% Match	Pass
Palmitoylethanolamide	H qNMR	H qNMR	≥ 400mg/capsule	413mg/capsule	Pass
Melting Point	LAB TM-011	Melting Point Apparatus	96.5 - 100.5°C	97.3 - 100.3°C	Pass
Loss On Drying	LAB TM-013	Moisture Balance	Report Only	0.3%	Pass
Heavy Metals	Metals-011 & Metals-008/USP<233>/<730>	ICP/ICPMS	≤ 0.5 ppm ea	As < 0.1000 ppm Cd < 0.0400 ppm Pb 0.0545 ppm Hg < 0.0100 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73 a_w	0.68 a_w	Pass

Final Approval

Kennedi Enoch, Quality Liaison

PJLA Testing
Accreditation #113861