

Certificate of Analysis

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

Product Information			
Product Name:	Ginger Extract Capsules 500mg	CoA #:	ND-24-1441
Product Size:	180 count	Lot Number:	GCOCS1060624
Production Date:	06/18/2024	Capsule Batch #:	GCOCSLL0424VEG
Report Date:	06/18/2024	Raw Material Batch #:	GCO0140224
Best By Date:	06/2027	RM spec #:	536_v3
Appearance:	Golden Brown powder in clear capsule	Capsule Size:	Size 00
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Magnesium Stearate, Silicon Dioxide		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1536	Conforms	Pass
Smell	Org. Tube # 1536	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥505mg/capsule	528.2mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	653mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity - (<i>Zingiber officinale</i> , root)	LAB TM-145	HPTLC	Matches to BRM	Conforms	Pass
Total Gingerols (Gingerols + Shogaols) (Dry Basis)	LAB TM-019	UPLC	≥ 50mg/capsule	71.4mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 10%	9%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.1000 ppm Cd < 0.0400 ppm Hg < 0.0100 ppm Pb < 0.0400 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.15	Pass

Final Approval



Kennedy Enoch, Quality Liaison

