

Certificate of Analysis

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

Product Information			
Product Name:	Black Ginger Extract Capsules 10% 5,7-dimethoxyflavone	CoA #:	ND-24-1444
Product Size:	180 count	Lot Number:	BLGCS1081224
Production Date:	08/12/2024	Capsule Batch #:	BLGCSLL0624VEG
Report Date:	08/12/2024	Raw Material Batch #:	BLG0870624
Best By Date:	08/2027	RM spec #:	593_v3
Appearance:	Dark brown powder in a clear capsule	Capsule Size:	Size 3
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose 101, Magnesium Stearate		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1593	Conforms	Pass
Smell	Org. Tube # 1593	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥235mg/capsule	245.7mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	295mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity - (<i>Kaempferia parviflora</i> , root)	LAB TM-258	HPTLC	Sample Bands Match Authenticated Reference Material	Sample Bands Match Authenticated Reference Material	Pass
Assay	LAB TM-263	UPLC	≥ 20mg/capsule	24.3mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5.0%	3.7%	Pass
Heavy Metals	Metals-011 & Metals-008/USP<233>/<730>	ICP/ICPMS	≤ 0.5 ppm ea.	As 0.1105 ppm Cd 0.0415 ppm Hg < 0.0100 ppm Pb 0.1000 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.18	Pass

Final Approval



Kennedi Enoch, Quality Liaison

