

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-24-819
Product Size:	60 count	Lot Number:	BLGCS1042524
Production Date:	05/02/2024	Capsule Batch #:	BLGCSLL0324VEG
Report Date:	05/02/2024	Raw Material Batch #:	BLG0870324
Best By Date:	05/2026	RM spec #:	593 v2
Appearance:	Dark brown powder in a clear capsule	Capsule Size:	Size 3
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose, 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	≥245mg/capsule	245mg/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 Reference Material	Sample Bands Match Reference Material	Pass
Assay - 5,7-Dimethoxyflavone (as is)	LAB TM-263	UPLC	≥ 20mg/capsule	20.7mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5.0%	3.0%	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 0.0493 ppm Hg < 0.0100 ppm Pb 0.0787 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.15	Pass

Final Approval



Kennedy Enoch, Quality Liaison

