

# Certificate of Analysis

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

Product Information			
Product Name:	7,8-Dihydroxyflavone Capsules 25mg	CoA #:	ND-24-1066
Product Size:	60 count	Lot Number:	DHFCS1062724A
Production Date:	07/11/2024	Capsule Batch #:	DHFCSLL0424VEG
Report Date:	07/11/2024	Raw Material Batch #:	DHF0431123
Best By Date:	07/2026	RM spec #:	141_v4
Appearance:	Off-white powder in a clear capsule	Capsule Size:	Size 3
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose, Maltodextrin, Magnesium Stearate Silicon Dioxide		

### Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1141	Conforms	Pass
Smell	Org. Tube # 1141	Conforms	Pass

### Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥164mg/capsule	165mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	218mg/capsule	Pass

### Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match to Library Standard	Conforms	Pass
7,8-Dihydroxyflavone (Dry-Basis)	LAB TM-004	HPLC	≥ 25mg/capsule	26.7mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	Report Only	2.7%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 1.0 ppm ea.	As < 0.1000 ppm	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	Cd < 0.0400 ppm Hg < 0.0100 ppm Pb < 0.0400 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.28	Pass

Final Approval



Kennedy Enoch, Quality Liaison

