

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-24-151
Product Size:	120 count	Lot Number:	DHFC51080823A
Production Date:	09/08/2023	Capsule Batch #:	DHFCENZ1222VEG
Report Date:	09/08/2023	Raw Material Batch #:	DHF0201022
Best By Date:	09/2025	RM spec #:	141_v4
Appearance:	Yellow 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	≥157mg/capsule	157.4mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	206.2mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match	96% Match	Pass
Assay (7,8-dihydroxyflavone, dry basis)	LAB TM-120	UPLC	≥ 25mg/capsule	26.6mg/capsule	Pass
Loss on Drying	LAB TM-015	Moisture Balance	Report Only	3.3449%	N/A
Heavy Metals - As	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 1.0 ppm	0.4300 ppm	Pass
Heavy Metals - Cd, Hg, Pb	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	Cd: < 0.0500 ppm Hg: < 0.0125 ppm Pb: 0.2233 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.06	Pass

Final Approval



Kennedi Enoch, Quality Liaison

