

# Certificate of Analysis

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

Product Information			
Product Name:	Horny Goat Weed (50% Icariin) Capsules 200mg	CoA #:	ND-24-1487
Product Size:	90 count	Lot Number:	EB50CS1071024
Production Date:	07/10/2024	Capsule Batch #:	EB50CSLL0524VEG
Report Date:	07/10/2024	Raw Material Batch #:	EB500580424
Best By Date:	07/2027	RM spec #:	286 v1
Appearance:	Light brown powder in a clear capsule	Capsule Size:	Size 1
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 # 1286	Conforms	Pass
Smell	Org. Tube # 1286	Conforms	Pass

### Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥294mg/capsule	304mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	384mg/capsule	Pass

### Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity ( <i>Epimedium spp.</i> , leaf)	LAB TM-164	HPTLC	Matches to BRM	Matches to BRM	Pass
Icariin (Dry Basis)	LAB TM-120	UPLC	≥ 100mg/capsule	107mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5%	3.2%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 2.0 ppm ea.	As < 0.1000 ppm Cd 0.0493 ppm Pb 0.4314 ppm	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 1.0 ppm ea.	Hg < 0.0100 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.25	Pass

Final Approval



Kennedi Enoch, Quality Liaison

