

# 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-24-788
Product Size:	30 count	Lot Number:	EB50CS1030524A
Production Date:	03/29/2024	Capsule Batch #:	EB50CSLL0623VEG
Report Date:	03/29/2024	Raw Material Batch #:	EB500580323
Best By Date:	03/2027	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	≥300mg/capsule	311.1mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	386mg/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	Conforms	Pass
Assay - icariin (dry basis)	LAB TM-120	UPLC	≥ 100mg/capsule	109mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5%	3%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 2.0ppm ea.	As 0.2105 ppm Cd 0.1507 ppm Pb 0.5563 ppm Hg 0.0102 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.22	Pass

Final Approval



Kennedy Enoch, Quality Liaison

