

Certificate of Analysis

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

Product Information			
Product Name:	Dioscorea Nipponica 40% Protodioscin Capsules 400mg	CoA #:	ND-24-1435
Product Size:	180 count	Lot Number:	DNPCS1090424
Production Date:	09/04/2024	Capsule Batch #:	DNPCSL0424VEG
Report Date:	09/04/2024	Raw Material Batch #:	DNP0250124
Best By Date:	09/2027	RM spec #:	543_v3
Appearance:	Golden brown powder in a clear capsule	Capsule Size:	Size 0
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Magnesium Stearate		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1543	Conforms	Pass
Smell	Org. Tube # 1543	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥405mg/capsule	425mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	530mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity - (<i>Dioscorea nipponica</i> , Root)	LAB TM-221	HPTLC	Matches to Reference Material	Matches to Reference Material	Pass
Assay - Protodioscin	LAB TM-175	UPLC	≥ 160mg/capsule	196mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5%	4%	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 < 0.0400 ppm Hg < 0.0100 ppm Pb 0.0833 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.20	Pass

Final Approval

Kennedi Enoch

Kennedi Enoch, Quality Liaison

