

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-24-584
Product Size:	180 count	Lot Number:	DNPCS1013024
Production Date:	03/08/2024	Capsule Batch #:	DNPCSL1223VEG
Report Date:	03/08/2024	Raw Material Batch #:	DNP0251123
Best By Date:	03/2026	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	≥424mg/capsule	425mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	525mg/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	Conforms	Pass
Assay - protodioscin (dry basis)	LAB TM-175	UPLC	≥ 160mg/capsule	166mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5%	3.4%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.1250 ppm Cd < 0.0500 ppm Hg < 0.0125 ppm Pb 0.0592 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.19	Pass

Final Approval



Kennedi Enoch, Quality Liaison

