

Certificate of Analysis

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

Product Information			
Product Name:	Astragaloside IV Capsules	CoA #:	ND-24-993
Product Size:	90 count	Lot Number:	AST50CS1052324
Production Date:	06/11/2024	Capsule Batch #:	AST50CSLL0323VEG
Report Date:	06/11/2024	Raw Material Batch #:	AST500570323
Best By Date:	06/2026	RM spec #:	500_v1
Appearance:	Light brown powder in a clear capsule	Capsule Size:	Size 3
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 # 1500	Conforms	Pass
Smell	Org. Tube # 1500	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥165mg/capsule	173.8mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	222mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identification - (<i>Astragalus membranaceus</i> , root)	LAB TM-204	HPTLC	Matches to Reference standard	Conforms	Pass
Assay - Astragaloside IV (as is basis)	LAB TM-186	UPLC	≥ 50mg/capsule	60.3mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5.0%	1.2%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As 0.1396 ppm Cd < 0.0500 ppm Hg < 0.0125 ppm Pb 0.3261 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	< 0.0266	Pass

Final Approval



Kennedy Enoch, Quality Liaison

