

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-25-120
Product Size:	90 count	Lot Number:	AST50CS2122024
Production Date:	12/20/2024	Capsule Batch #:	AST50CSLL1224VEG
Report Date:	12/20/2024	Raw Material Batch #:	AST500571224
Best By Date:	12/2027	RM spec #:	500 v3
Appearance:	Light brown powder in a clear capsule	Capsule Size:	Size 3
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear/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	170mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	220mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity - (<i>Astragalus membranaceus</i> , root)	LAB TM-204	HPTLC	Matches to BRM	Has Characteristics of BRM	Pass
Assay - Astragaloside IV (as is basis)	LAB TM-186	UPLC	≥ 50mg/capsule	53.5mg/capsule	Pass
Loss On Drying	LAB TM-013	Moisture Balance	≤ 5.0%	1.9%	Pass
Heavy Metals	Metals-011 & Metals- 008/USP<233>/<730>	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.1000 ppm Cd < 0.0400 ppm Pb 0.0553 ppm Hg < 0.0100 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.04	Pass

Final Approval



Kennedi Enoch, Quality Liasion

