

## **Certificate of Analysis**

## Report Issued To: Nootropics

Nootropics Depot | 8380 S. Kyrene Rd., Suite 110, Tempe, AZ 85284

Product Information							
Product Name:	Astragaloside IV Capsules 50mg	CoA #:	ND-25-789				
Product Size:	90 count	Lot Number:					
Production Date:	04/24/2025	Capsule Batch #:	AST50CSLL1224VEG				
Report Date:	04/24/2025	Raw Material Batch #:	AST500571224				
Best By Date:	04/2028	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
ldentity - ( <i>Astragalus</i> <i>membranaceus,</i> <i>root</i> )	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

