

Certificate of Analysis

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

Product Information			
Product Name:	Cistanche Supercritical CO2 Extract Capsules 20% Echinacoside, 20% Verbascoside	CoA #:	ND-24-838
Product Size:	60 count	Lot Number:	CTCCS1050224
Production Date:	05/06/2024	Capsule Batch #:	CTCCSLL0424VEG
Report Date:	05/06/2024	Raw Material Batch #:	CTC0870324
Best By Date:	05/2026	RM spec #:	587_v2
Appearance:	Brown powder in a clear capsule	Capsule Size:	Size 3
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Vegetable Cellulose		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1587	Conforms	Pass
Smell	Org. Tube # 1587	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥200mg/capsule	210.7mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	260mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity (<i>Cistanche tubulosa</i> , Stem)	LAB TM-125	HPTLC	Matches to BRM	Matches to BRM	Pass
Echinacoside (Dry Basis)	LAB TM-132	UPLC	≥ 40mg/capsule	51.1mg/capsule	Pass
Verbascoside (Dry Basis)	LAB TM-132	UPLC	≥ 40mg/capsule	53.1mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5%	3%	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 < 0.0400 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.17	Pass

Final Approval

Kennedi Enoch

Kennedi Enoch, Quality Liaison

