

Certificate of Analysis

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

Product Information			
Product Name:	Ashwagandha Extract Tablets 300mg	CoA #:	ND-24-1530
Product Size:	180 count	Lot Number:	ASHCS2101624
Production Date:	10/16/2024	Capsule Batch #:	ASHCSLL0324UT
Report Date:	10/16/2024	Raw Material Batch #:	ASH0730623
Best By Date:	10/2027	RMSpec #:	001_v8
Appearance:	Round tablet	Tablet Size:	14mm
Other Ingredients:	Microcrystalline Cellulose 101, Stearic Acid, Silicon Dioxide, Croscarmellose Sodium, Silicon Dioxide Sipernat 22		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1001	Conforms	Pass
Smell	Org. Tube # 1001	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Tablet Mass Test	USP <2091> Test 1	741mg/tablet	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity (<i>Withania somnifera</i> , Root)	LAB TM-155	HPTLC	Sample Bands Match Reference Bands	Conforms	Pass
Identity (<i>Withania somnifera</i> , Leaf)	LAB TM-047	HPTLC	Sample Bands Match Reference Bands	Conforms	Pass
Assay - Total Withanolides (Shoden STAG + Withaferin A)	LAB TM-247	UPLC	≥ 27mg/capsule	35.4mg/tablet	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5%	4%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As < 0.0625 ppm Cd < 0.0250 ppm Hg < 0.0100 ppm Pb 0.0551 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.22	Pass

Final Approval



Kennedi Enoch, Quality Liaison

