

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-24-1100
Product Size:	90 count	Lot Number:	ASHCS1052324
Production Date:	05/18/2024	Capsule Batch #:	ASHCENZ1222UT
Report Date:	05/18/2024	Raw Material Batch #:	ASH0730522
Best By Date:	05/2027	RMSpec #:	001_v8
Appearance:	Round tablet	Tablet Size:	11mm
Other Ingredients:	Silicon Dioxide, Croscarmellose Sodium, Stearic Acid		

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	442.3mg/tablet	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity (Withania somnifera, whole plant)	LAB TM-047/LAB TM-155	HPTLC	Sample Bands Match Reference Bands	Conforms	Pass
Total Withanolides (Shoden STAG + Withaferin A) (dry basis)	LAB TM-100	HPLC	≥36mg/serving	43mg/serving	Pass
Assay - Withaferin A	LAB TM-100	HPLC	Report Only	24mg/serving	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 0.1004 ppm Cd 0.0170 ppm Hg <0.0100 ppm Pb 0.0423 ppm	Pass
Water Activity	LAB TM-012	Water Activity	<0.73	0.27	Pass

Final Approval



Kennedy Enoch, Quality Liaison

