

Certificate of Analysis

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

Product Information			
Product Name:	Baikal Skullcap Extract Tablets 250mg	CoA #:	ND-24-230
Product Size:	120 count	Lot Number:	BSCCS1090523A
Production Date:	10/09/2023	Capsule Batch #:	BSCCSLL0922UTT
Report Date:	10/09/2023	Raw Material Batch #:	BSC0400721
Best By Date:	09/2025	RM spec #:	255_v1
Appearance:	Beige round tablet w/ single score	Tablet Size:	12mm
Other Ingredients:	Microcrystalline Cellulose 102, Stearic Acid, Croscarmellose Sodium, Silicon Dioxide		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1255	Conforms	Pass
Smell	Org. Tube # 1255	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Tablet Mass Test	USP <2091> Test 1	500mg/tablet	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-146	HPTLC	Sample Bands Match Reference Bands	Conforms	Pass
Assay - Apigenin (dry basis)	LAB TM-095	UPLC	≥ 35.6mg/tablet	38.2mg/tablet	Pass
Assay - Baicalin (dry basis)	LAB TM-095	UPLC	≥ 118.8mg/tablet	127.3mg/tablet	Pass
Assay - Baicalein (dry basis)	LAB TM-095	UPLC	≥ 47.5mg/tablet	63.7mg/tablet	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5.0%	3.0%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As <0.1000 Cd <0.0400 Hg <0.0100 Pb 0.0203	Pass
Water Activity	LAB TM-012	Water Activity	<0.73	0.51	Pass

Final Approval



Kennedi Enoch, Quality Liaison

