

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-24-1421
Product Size:	60 count	Lot Number:	BSCCS1041024A
Production Date:	04/08/2024	Capsule Batch #:	BSCCSLL1123UT
Report Date:	04/08/2024	Raw Material Batch #:	BSC0400823
Best By Date:	04/2027	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	513mg/tablet	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity - (<i>Scutellaria baicalensis</i> , Root)	LAB TM-146	HPTLC	Matches to Reference Material	Conforms	Pass
Assay - Apigenin (dry basis)	LAB TM-120	UPLC	≥ 35.6mg/tablet	46.7mg/tablet	Pass
Assay - Baicalin (dry basis)	LAB TM-120	UPLC	≥ 118.8mg/tablet	139.1mg/tablet	Pass
Assay - Baicalein (dry basis)	LAB TM-120	UPLC	≥ 47.5mg/tablet	62.7mg/tablet	Pass
Loss on Drying	LAB TM-013	Moisture Balance	≤ 5.0%	3.3%	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	As < 0.1250 ppm Cd < 0.0500 ppm Hg < 0.0125 ppm Pb 0.0415 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.52	Pass

Final Approval



Kennedi Enoch, Quality Liaison

