

Certificate of Analysis

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

Product Information			
Product Name:	Lemon Balm Tablets 10:1 500mg	CoA #:	ND-24-1558
Product Size:	120 count	Lot Number:	LBMCS1082824A
Production Date:	08/28/2024	Tablet Batch #:	LBMCSLL0724UT
Report Date:	08/28/2024	Raw Material Batch #:	LBM0200424
Best By Date:	08/2027	RMSpec #:	010_v8
Appearance:	Round, dark green tablet with a 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 # 1010	Conforms	Pass
Smell	Org. Tube # 1010	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Tablet Mass Test	USP <2091> Test 1	603mg/tablet	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity (<i>Melissa officinalis</i> , leaf)	LAB TM-050	HPTLC	Matches to BRM	Matches to BRM	Pass
Rosmarinic acid (dry basis)	LAB TM-131	UPLC	≥ 5mg/tablet	5.2mg/tablet	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	0.10	Pass

Final Approval



Kennedy Enoch, Quality Liaison

