

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-24-1548
Product Size:	120 count	Lot Number:	LBMCS1072324
Production Date:	07/23/2024	Tablet Batch #:	LBMCEZ0423UT
Report Date:	07/23/2024	Raw Material Batch #:	LBM0200223
Best By Date:	07/2027	RMSpec #:	010_v8
Appearance:	Round, dark green tablet	Tablet Size:	11mm
Other Ingredients:	Microcrystalline Cellulose 102, Di Calcium Phosphate, Stearic Acid, 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	602.5mg/tablet	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity (<i>Melissa officinalis</i> , whole plant)	LAB TM-050	HPTLC	Matches to BRM	Conforms	Pass
Assay - (Rosmarinic acid, dry basis)	LAB TM-131	UPLC	≥ 4.8mg/tablet	5.1mg/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 < 0.1250 ppm Cd < 0.0500 ppm Hg < 0.0125 ppm Pb < 0.0500 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.07	Pass

Final Approval



Kennedy Enoch, Quality Liaison

