

Certificate of Analysis

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

Product Information			
Product Name:	Magnesium Pidolate Capsules	CoA #:	ND-24-1083
Product Size:	240 count	Lot Number:	MPFCS1070824
Production Date:	07/11/2024	Capsule Batch #:	MPFCSLL0624VEG
Report Date:	07/11/2024	Raw Material Batch #:	MPF1010524
Best By Date:	07/2027	RM spec #:	601_v2
Appearance:	White powder in a clear capsule	Capsule Size:	Size 00
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose, Magnesium Stearate		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 2601	Conforms	Pass
Smell	Org. Tube # 2601	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥599mg/capsule	600.7mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	725mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match to Library Standard	New Entry	Pass
Magnesium (Dry Basis)	Metals-011 & Metals-008/USP<233>/<730>	ICPMS	≥45.6mg/capsule	50.6mg/capsule	Pass
Specific Rotation	LAB-TM-267	Polarimeter	-26.5° to - 23.3°	-23.7°	Pass
Water Content	Karl Fischer	Karl Fischer	≤ 10%	7.5%	Pass
pH	LAB TM-028	pH meter	5.5 - 7.0	6.0	Pass
Heavy Metals	Metals-011 & Metals-008/USP<233>/<730>	ICPMS	≤ 0.5 ppm ea.	As < 0.1000 ppm Cd < 0.0400 ppm Pb < 0.0400 ppm Hg < 0.0100 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.13	Pass

Final Approval



Kennedi Enoch, Quality Liaison

