

# Certificate of Analysis

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

Product Information			
Product Name:	Milk Thistle Low Silychristin Capsules	CoA #:	ND-24-871
Product Size:	120 count	Lot Number:	MSSCS1042324
Production Date:	04/16/2024	Capsule Batch #:	MSSCLL0124VEG
Report Date:	04/16/2024	Raw Material Batch #:	MSS0580124
Best By Date:	04/2026	RM spec #:	225_v2
Appearance:	White powder in a clear capsule	Capsule Size:	1 size
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Rice Flour, Magnesium Stearate		

### Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1225	Conforms	Pass
Smell	Org. Tube # 1225	Conforms	Pass

### Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥324g/capsule	325mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	415mg/capsule	Pass

### Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity ( <i>Silybum marianum</i> , Seed)	LAB TM-060	HPTLC	Matches to BRM	Conforms	Pass
Assay - Total Silymarins (as Silybin A + B) (as is)	LAB TM-061	UPLC	≥ 200mg/capsule	215mg/capsule	Pass
Assay - Silychristin (as is)	LAB TM-061	UPLC	≤ 0.05mg/capsule	0.05mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	Report Only	1.9%	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	0.25	Pass

Final Approval



Kennedi Enoch, Quality Liaison

