

Certificate of Analysis

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

Product Information			
Product Name:	Reduced Glutathione Capsules 500mg	CoA #:	ND-24-1121
Product Size:	180 count	Lot Number:	GTECS1070924
Production Date:	07/19/2024	Capsule Batch #:	GTECSLL0624VEG
Report Date:	07/19/2024	Raw Material Batch #:	GTE0400422
Best By Date:	07/2026	RM spec #:	247_v4
Appearance:	White powder in a clear capsule	Capsule Size:	Size 00
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose, Silicon Dioxide, Magnesium Stearate, Calcium Carbonate, Stearic Acid, Carboxymethyl Cellulose		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1247	Conforms	Pass
Smell	Org. Tube # 1247	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥590mg/capsule	615mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	743mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	External	NMR	Conforms to structure	Conforms	Pass
L-Glutathione Reduced Assay	External	HPLC	≥ 500mg/capsule	515mg/capsule	Pass
Loss on Drying	LAB TM-013	Moisture Balance	< 1.0%	0.7%	Pass
Identity	LAB TM-122	Polarimeter	-15.5° - -17.5°	-16.7°	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	As 0.3308ppm Cd < 0.0500 Hg < 0.0125 Pb < 0.0500	Pass
Residual Solvents	LAB TM-090	HS-GC	USP <467>	Conforms	Pass

Final Approval



Kennedi Enoch, Quality Liaison

