

Certificate of Analysis

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

Product Information			
Product Name:	Pyridoxal-5' Phosphate Capsules (P5P) 50mg	CoA #:	ND-24-570
Product Size:	365 count	Lot Number:	P5PCS1012924
Production Date:	03/05/2024	Capsule Batch #:	P5PCSL0423VEG
Report Date:	03/05/2024	Raw Material Batch #:	P5P0050323
Best By Date:	01/2026	RM spec #:	145 v4
Appearance:	Beige powder in a clear capsule	Capsule Size:	Size 3
Capsule Material:	Vegetable Cellulose	Capsule Color:	Clear
Other Ingredients:	Microcrystalline Cellulose 101, Magnesium Stearate, Silicon Dioxide		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1145	Conforms	Pass
Smell	Org. Tube # 1145	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥171.65mg/capsule	178.7mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	228mg/capsule	Pass

Analytical Testing Results:

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity	LAB TM-001	FTIR	≥ 95% Match	100%	Pass
Assay - Pyridoxal-5-phosphate (dry basis)	LAB TM-190	UPLC-MS	≥ 44mg/capsule	55.9mg/capsule	Pass
Water Content	Karl Fisher	Karl Fisher	< 10%	1.53%	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	0.40	Pass

Final Approval



Kennedy Enoch, Quality Liaison

