

Certificate of Analysis

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

Product Information			
Product Name:	Super B12 Solution	CoA #:	ND-24-1263
Product Size:	60 mL	Lot Number:	SBTS4081224
Production Date:	08/12/2024	Report Date:	08/12/2024
Best By Date:	08/2027	Appearance:	Red, viscous liquid
Other Ingredients:	Deionized Water, Vegetable Glycerin, Propylene Glycol, Natural Flavor Extract, DL-Malic Acid		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 1501	Conforms	Pass
Smell	Org. Tube # 1501	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Liquid Density Test	USP <2091> Test 1	0.5mg/mL	Pass

Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
Hydroxocobalamin Acetate	0.5mg/serving	HXC0200221	208
Methylcobalamin	0.5mg/serving	MTCSYG0618	209

Analytical Testing

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity- Hydroxocobalamin Acetate	LAB TM-001	FTIR	Matches reference material	Conforms	Pass
Identity- Methylcobalamin	FTIR	FTIR	Spectrum	Conforms	Pass
Hydroxocobalamin Assay	UPLC	UPLC	≥ 0.5mg/serving	0.5mg/serving	Pass
Assay- Methylcobalamin	HPLC	HPLC	≥ 0.5mg/serving	0.5mg/serving	Pass

Test	Method	Methodology	Specification	Result	Pass/Fail
Heavy Metals - Arsenic	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 1.0 ppm ea.	As <0.9812	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 0.5 ppm ea.	Cd <0.0400 Hg <0.0100 Pb 0.0530	Pass
Total Aerobic Plate Count	USP 2021	USP 2021	< 1000 CFU/g	< 100	Pass
Total Yeast	USP 2021	USP 2021	< 1000 CFU/g	< 100	Pass
Total Mold	USP 2021	USP 2021	< 1000 CFU/g	< 100	Pass
Most Probable Coliform Count	USP 2021	USP 2021	< 10 CFU/g	< 10	Pass
Escherichia Coli	USP 2022	USP 2022	Absent in 25 g	Absent	Pass
Salmonella Species	USP 2022	USP 2022	Absent in 25 g	Absent	Pass
Staphylococcus aureus	USP 2022	USP 2022	Absent in 25 g	Absent	Pass



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Final Approval:

Kennedi Enoch, Quality Liaison

