

Certificate of Analysis

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

Product Information			
Product Name:	Super B12 Quick Dissolve Tablets	CoA #:	ND-24-309
Product Size:	180 count	Lot Number:	SBTCS1110823
Production Date:	11/21/2023	Tablet Batch #:	SBTCSLL0823ST
Report Date:	11/21/2023	Tablet Size:	8mm flat with single score
Best By Date:	11/2025	Appearance:	Pink with red specs
Other Ingredients:	Sorbitol, Strawberry and Strawberry Lemonade Flavor Powder, Stearic Acid		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 2209	Conforms	Pass
Smell	Org. Tube # 2209	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Tablet Mass Test	USP <2091> Test 1	201mg/tablet	Pass

Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
Methylcobalamin	0.5mg/tablet	MTC0200221	209_v2
Hydroxocobalamin	0.5mg/tablet	HXC0200221	208_v2

Analytical Testing

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity Methylcobalamin	LAB TM-001	FTIR	Matches Reference Material	Conforms	Pass
Identity-Hydroxocobalamin	LAB TM-001	FTIR	Matches Reference Material	Conforms	Pass
Assay- Methylcobalamin	LAB TM-190	LC-MS	≥ 0.5mg/tablet	0.5mg/tablet	Pass
Assay- Hydroxocobalamin	LAB TM-190	LC-MS	≥ 0.5mg/tablet	0.5mg/tablet	Pass

Test	Method	Methodology	Specification	Result	Pass/Fail
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 0.5 ppm ea.	Cd 0.050 ppm Hg 0.015 ppm Pb 0.046 ppm	Pass
Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	≤ 1.0 ppm ea.	As 0.980 ppm	Pass
Water Activity	LAB TM-012	Water Activity	< 0.73	0.20	Pass

Final Approval

Kennedi Enoch

Kennedi Enoch, Quality Liaison

