



Pharma Natural, Inc.
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 www.pharmanatural.com

CERTIFICATE OF ANALYSIS

Product Name: Vitamin B12 1,000 mcg
 Presentation: 30 Tablets per bottle
 Serving Size: 1 Tablet
 Servings Per Unit: 30
 Lot Number: 14050
 P.O: 1

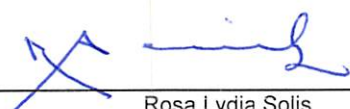
CoA Number: E&R009-2022
 Bulk Number: BK1118
 Manufacture Date: 12/2022
 Expiration Date: 12/2025
 Testing Completed: 01/17/2023

Physical Analysis			
Test	Specification	Result	Method
Appearance and Color	Round tablet 3/8 inches light pink with dark speckles	Conforms	Visual, SOP 024
Weight (mg)	240 mg ± 5 %	252 mg	USP<2091>, SOP L047
Disintegration	< 30 min.	7 seconds	USP<2040>, SOP L048
Friability	< 1.0 %	0.24%	USP<1217>, SOP L049
Hardness (kp)	≥ 3.0 kp	4.5 kp	USP<1217>, SOP L051
Thickness (mm)	≤ 5.0 mm	3.6 mm	USP<1216>, SOP L050

Chemical Analysis				
Active Ingredients per Capsule	Composition mcg/capsule	Specification	Result	Method
Vitamin B12 (as cyanocobalamin)	1,000 mcg	(900 - 1,100) mcg	1,004 mcg	HPLC USP<621> STP 006

Microbiological Analysis			
Test	Specification	Result	Method
Rapid Aerobic Count Plate	≤1,000 cfu/g	<1,000 cfu/g	USP-NF<2021>, SOP L056
Rapid Yeast & Mold Count Plate	≤100 cfu/g	<100 cfu/g	USP-NF<2021>, SOP L056
<i>Escherichia coli</i>	Absence / 10g	Negative	USP-NF<2022>, SOP L056
<i>Salmonella spp.</i>	Absence / 10g	Negative	USP-NF<2022>, SOP L056

Prepared by 
 Wilmer Torres
 QUALITY SPECIALIST
01/19/2023
 DATE

Approved by 
 Rosa Lydia Solis
 QUALITY ASSURANCE MANAGER
01/19/2023
 DATE

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