



Pharma Natural, Inc.
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CERTIFICATE OF ANALYSIS

Product Name:	Vitamin D3	CoA Number:	E&R001-2022
Presentation:	30 Tablets per bottle	Bulk Number:	BK1019
Serving Size:	1 Tablet	Manufacture Date:	5/2022
Servings Per Unit:	30	Expiration Date:	5/2025
Units per Run:	1,520	Testing Completed	5/26/2022
Lot Number:	13132	P.O.:	1

Physical Analysis			
Test	Specification	Result	Method
Appearance and Color	White Round Table ⅜ inch	Pass	Visual, SOP 024
Weight (mg)	480 mg ± 5%	472 mg	USP<2091>, SOP L047
Disintegration	< 30 min	27 min	USP<2040>, SOP L048
Hardness (kp)	≥ 3.0 kp	5.8 kp	USP<1217>, SOP L049
Thickness (mm)	≤ 5.0 mm	5.0 mm	USP<1217>, SOP L051
Friability (%)	<1.0%	0.10%	USP<1216>, SOP L050

Chemical Analysis				
Active Ingredients per tablet	Composition	Specification	Result	Method
Vitamin D3 (as cholecalciferol) (5,000 IU)	125 mcg (5,000 IU)	(112.5 - 206.25) mcg (4,500 - 8,250) IU	Pass	FTIR USP <197>, SOP L042

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
Escherichia coli	Absence / 10g	Negative	USP-NF<2022>, SOP L056
Salmonella spp	Absence / 10g	Negative	USP-NF<2022>, SOP L056

Prepared for: Elm & Rye

Prepared by Wilmer Torres
 QUALITY SPECIALIST
 05/27/2022
 DATE

Approved by Rosa Lydia Solis
 QUALITY ASSURANCE MANAGER
 05/27/2022
 DATE

FORM 025.1