



Document #:	F510-7
Revision date:	12/27/2022
Comments:	
Approval:	Director

**Certificate of Analysis: Plant Based Vitamin D3 K2 lot#PB7150-186-L1**

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Aug 9, 2024

ISO/IEC 17025 Certificate No.: AT 18-25

**Sample Information**

Date of inquiry 8/6/2024  
 Collection date 8/6/2024  
 Date of receipt 8/6/2024  
 Date test performed 8/6/2024  
 Sample ID 240809-57  
 Lab ID A Lab  
 Type of test IR,NIR,HPLC,UV-Vis,ICP,Luminex,Raman,Elisa,GC,LCMS,TLC, SEM-EDS, NMR  
 Name of test material Plant Based Vitamin D3 K2 lot#PB7150-186-L1  
 Expiry date 6/28/2027  
 sample from Nutritional Roots LLC

**Summary of Analysis**

The analysis of the sample identified above by the Laboratory Procedure was successful in determining the analysis. The sample is consistent with being within our predefined limits of detection for each item.

Average capsule fill weight 754 mg

**Reported Results**

1 capsule serving

Items	Specifications (mg)	Specifications (B CFU)	Specifications (mcg)	Results (mg)	Results (B CFU)	Results (mcg)	Test Methods	Pass/Fail/Other
Vitamin D3 (Cholecalciferol; from Wild-Harvested Lichen)			125			159.18	HPLC, NMR, SEM-EDS	Pass
Blend containing	410			421.74			HPLC, NMR, SEM-EDS	Pass
Organic Fermented Spinach Leaf Powder							HPLC, NMR, SEM-EDS	Pass
Organic Fermented Kale Leaf Powder							HPLC, NMR, SEM-EDS	Pass
Organic Apple Cider Vinegar Powder							HPLC, NMR, SEM-EDS	Pass
Organic Shiitake Mushroom Powder							HPLC, NMR, SEM-EDS	Pass
Organic Fermented Ginger Root Powder							HPLC, NMR, SEM-EDS	Pass
Organic Fermented Turmeric Root Powder							HPLC, NMR, SEM-EDS	Pass
Omega 3 DHA from Algae	200			206.97			HPLC, NMR, SEM-EDS	Pass
B. subtilis	10	1		10.10	1.01		HPLC, NMR, SEM-EDS, Luminex	Pass
Fermented Vitamin K2 (Menaquinone-7; from B. licheniformis)			120			133.05	HPLC, NMR, SEM-EDS	Pass

Authorized by

Date:

8/9/2024

James Connaughton BA, MBA, ND  
 Technical Director

The results contained herein relate only to the items tested. This test report shall not be reproduced, except in full, without the expressed written consent of the Laboratory. All analytical work is conducted professionally in accordance with all applicable standard laboratory practices and that this data reflects our best attempt to generate accurate results for the specific sample(s) provided.