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Comments:	
Approval:	Director

Certificate of Analysis: Plant Based Multivitamin+ lot#PM2260-242-L2

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Customer contact
 Nutritional Roots LLC

Sep 4, 2025

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

Sample Information

Date of inquiry	9/2/2025
Collection date	9/2/2025
Date of receipt	9/2/2025
Date test performed	9/2/2025
Sample ID	250904-25
Lab ID	ALab
Type of test	IR, NIR, HPLC, UV-Vis, ICP, Luminex, Raman, Elisa, GC, LCMS, TLC, SEM-EDS, NMR
Name of test material	Plant Based Multivitamin+ lot#PM2260-242-L2
Expiry date	8/25/2028
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 734 mg

Reported Results

Items	Specifications (mg)	Specifications (B CFU)	Specifications (mcg)	Results		Test Methods	Pass/Fail/Other
				Results (mg)	Results (B CFU)		
Zinc (Oxide)	11.00			15.85		HPLC, NMR, SEM-EDS, ICP	Pass
Vitamin B5 (Calcium Pantothenate)	5.00			5.20		HPLC, NMR, SEM-EDS	Pass
Vitamin D3 (Cholecalciferol; from Wild-Harvested Lichen)			10		10	HPLC, NMR, SEM-EDS, Luminex	Pass
Vitamin B6 (Pyridoxine HCL)	5.1			5.3		HPLC, NMR, SEM-EDS	Pass
Selenium (Amino Acid Chelate)			55		88.1	HPLC, NMR, SEM-EDS	Pass
Omega 3 (DHA) from Algae	20.00			20.080		HPLC, NMR, SEM-EDS	Pass
Vitamin A (Beta Carotene)			900.00		944.2	HPLC, NMR, SEM-EDS	Pass
Vitamin B3 (Niacinamide)	16.00			16.500		HPLC, NMR, SEM-EDS	Pass
Manganese (Amino Acid Chelate)	2.30			4.110		HPLC, NMR, SEM-EDS, ICP	Pass
Potassium (Iodide)			125.00		127.72	HPLC, NMR, SEM-EDS, ICP	Pass
Vitamin B2 (Riboflavin)	1.3			1.700		HPLC, NMR, SEM-EDS	Pass
Vitamin B12 (Methylcobalamin)			240		531.06	HPLC, NMR, SEM-EDS	Pass
Chromium (Picolinate)			35		73.4	HPLC, NMR, SEM-EDS, ICP	Pass
Vitamin B1 (Thiamine HCL)	1.2			1.6		HPLC, NMR, SEM-EDS	Pass
Vitamin E (D-Alpha Tocopheryl Succinate)	15			19.2		HPLC, NMR, SEM-EDS	Pass
Vitamin B9 (Methylfolate) DFE			901		1715.37	HPLC, NMR, SEM-EDS	Pass
Vitamin B7 (Biotin)			60		88.09	HPLC, NMR, SEM-EDS	Pass
Molybdenum(Sodium Molybdate)			45		132.12	HPLC, NMR, SEM-EDS, ICP	Pass
Vitamin K2 (Menaquinone-7)			60		67.1	HPLC, NMR, SEM-EDS	Pass
Vitamin C(Organic Acerola Cherry Extract & Organic Camu Camu Extract)	90			98.4		HPLC, NMR, SEM-EDS	Pass
Boron (Amino Acid Chelate)	1			2.35		HPLC, NMR, SEM-EDS, ICP	Pass
B. subtilis (1 Billion CFU)	10	1		11.00	1.1	DLS, NMR, SEM-EDS, Luminex	Pass
Blend containing:	470			504.36		HPLC, NMR, SEM-EDS	Pass
Organic Apple Cider Vinegar Powder						HPLC, NMR, SEM-EDS	Pass
Organic Spirulina Powder						HPLC, NMR, SEM-EDS	Pass
Organic Kale Leaf Powder						HPLC, NMR, SEM-EDS	Pass
Organic Sprouted Fermented Chia Seed Powder						HPLC, NMR, SEM-EDS	Pass
Organic Beet Root Powder						HPLC, NMR, SEM-EDS	Pass
Organic Ginger Root Powder						HPLC, NMR, SEM-EDS	Pass
Organic Spinach Extract						HPLC, NMR, SEM-EDS	Pass
Organic Sprouted Fermented Flax Seed Powder						HPLC, NMR, SEM-EDS	Pass

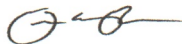
Organic Turmeric Extract						HPLC, NMR, SEM-EDS	Pass
Blend containing:	25			26.83		HPLC, NMR, SEM-EDS	Pass
Echinacea Angustifolia Extract						HPLC, NMR, SEM-EDS	Pass
Black Elderberry Powder						HPLC, NMR, SEM-EDS	Pass
Goldenseal Root Powder						HPLC, NMR, SEM-EDS	Pass
Panax Ginseng Extract						HPLC, NMR, SEM-EDS	Pass

Heavy Metals

Items	Prop 65 Limits	Results	Test Methods	Pass/Fail
Arsenic	10ppm	<.117ppm	AOAC 2011.19,993.14,2 015.01(modified) USP<2232>	Pass
Cadmium	4.1ppm	<.088ppm	AOAC 2011.19,993.14,2 015.01(modified) USP<2232>	Pass
Lead	.5ppm	<.015ppm	AOAC 2011.19,993.14,2 015.01(modified) USP<2232>	Pass
Mercury	No limits/2ppm USP	<.059ppm	AOAC 2011.19,993.14,2 015.01(modified) USP<2232>	Pass

Observations:

Authorized by



James Connaughton BA, MBA, ND
Technical Director

Date:

9/4/2025



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.