

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



Certificate of Analysis: Plant Based Multivitamin + lot#NM9155

HDA contact

High Desert Analysis
624 W Gurley St. Ste D

Prescott, AZ. 86305

jconnaughton@highdesertanalysis.consulting

phone:(812) 929-0675

Customer contact

Nutritional Roots LLC
675 Alpha Dr. Ste G

Highland Heights, OH. 44143

Oct 18, 2023

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

Sample Information

Date of inquiry	10/11/2023
Collection date	10/11/2023
Date of receipt	10/11/2023
Date test performed	10/11/2023
Sample ID	231018-21
Lab ID	ALab

IR,NIR,HPLC,UV-Vis,ICP,Luminex,
Raman,Elisa,GC,LCMS,TLC,
SEM-EDS, NMR

**Plant Based Multivitamin +
lot#NM9155**

6/28/2026

Nutritional Roots LLC

Type of test

Name of test material

Expiry date

sample from

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 807 mg

Reported Results

serving 2 capsule

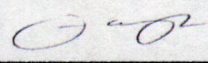
Items	Specifications (mg)	Specifications (B CFU)	Specifications (mcg)	Results (mg)	Results (B CFU)	Results (mcg)	Test Methods	Pass/Fail
Zinc (Oxide)	11.00			17.69			HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Vitamin B5 (Calcium Pantothenate)	5.00			5.03			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin D3 (Cholecalciferol; from Wild-Harvested Lichen)			10			10.07	HPLC, NMR, SEM-EDS, Raman	Pass
Magnesium (Citrate)	42			43.04			HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Vitamin B6 (Pyridoxine HCL)	5.1			5.1			HPLC, NMR, SEM-EDS, Raman	Pass
Selenium (Amino Acid Chelate)			55			106	HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Omega 3 (DHA) from Algae	25			25.18			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin A (Beta Carotene)			900			906.3	HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B3 (Niacinamide)	16			16.110			HPLC, NMR, SEM-EDS, Raman	Pass
Manganese (Citrate)	2.3					2.46	HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Potassium (Iodide)			125			136.67	HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Vitamin B2 (Riboflavin)	1.3			1.31			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B12 (Methylcobalamin)			240			241.68	HPLC, NMR, SEM-EDS, Raman	Pass
Chromium (Picolinate)			35			43.33	HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Vitamin B1 (Thiamine HCL)	1.2			1.210			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin E (D-Alpha Tocopheryl Succinate)	15			15.100			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B9 (Methylfolate & folic acid)			918 DFE			924.43 DFE	HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B7 (Biotin)			60			60.4	HPLC, NMR, SEM-EDS, Raman	Pass
Molybdenum(Sodium Molybdate)			45			46.66	HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Vitamin K2 (Menaquinone-7)			60			60.02	HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin C(Organic Acerola Cherry Extract & Organic Camu Camu Extract)	90			90.6			HPLC, NMR, SEM-EDS, Raman	Pass
Boron (Amino Acid Chelate)	1			1.7			HPLC, NMR, SEM-EDS, Raman, ICP	Pass
B. subtilis (1 Billion CFU)	10	1		10.1	1.01		HPLC, NMR, SEM-EDS, Raman, Luminex	Pass
Blend containing:	695.5			700.52			HPLC, NMR, SEM-EDS, Raman	Pass
Organic Apple Cider Vinegar Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Organic Spirulina Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Organic Kale Leaf Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Organic Sprouted Fermented Chia Seed Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Organic Beet Root Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Organic Ginger Root Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Organic Spinach Extract							HPLC, NMR, SEM-EDS, Raman	Pass
Organic Sprouted Fermented Flax Seed Powder							HPLC, NMR, SEM-EDS, Raman	Pass

Organic Turmeric Extract						HPLC, NMR, SEM-EDS, Raman	Pass
Blend containing:	28			28.2		HPLC, NMR, SEM-EDS, Raman	Pass
Echinacea Angustifolia Extract						HPLC, NMR, SEM-EDS, Raman	Pass
Black Elderberry Powder						HPLC, NMR, SEM-EDS, Raman	Pass
Goldenseal Root Powder						HPLC, NMR, SEM-EDS, Raman	Pass
Panax Ginseng Extract						HPLC, NMR, SEM-EDS, Raman	Pass

Observations:

Authorized by

Date: 10/18/2023



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.