

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



Certificate of Analysis: PreNatal Multi lot#NP9269

HDA contact

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Customer contact

Nutritional Roots LLC
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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	231018-22
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	PreNatal Multi lot#NP9269
Expiry date	8/28/2026
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 806 mg

Reported Results

serving 2 capsule

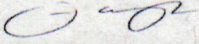
Items	Specifications (mg)	Specifications (B CFU)	Specifications (mcg)	Results (mg)	Results (B CFU)	Results (mcg)	Test Methods	Pass/Fail
Vitamin A (Natural Beta Carotene)			650.00			702.65	HPLC, NMR, SEM-EDS, Raman	Pass
Organic Amla Berry Extract (standardized to 40% Vitamin C)	65.00			70.30			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin D3 (Vegan Cholecalciferol; from Wild-Harvested Lichen)			15			16.2	HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin E (D-Alpha Tocopheryl Succinate)	15.00			16.21			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin K2 (Menaquinone-7)			90			97.29	HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B1 (Thiamine HCL)	1.20			1.30			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B2 (Riboflavin)	1.60			1.73			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B3 (Niacin)	16.00			17.30			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B6 (Pyridoxine HCL)	5.10			5.513			HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B9 (L-5-Methyltetrahydrofolate)			720 DFE			778.32 DFE	HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B12 (Methylcobalamin)			9			9.7	HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B7 (Biotin)			35			37.83	HPLC, NMR, SEM-EDS, Raman	Pass
Vitamin B5 (D-Calcium Pantothenate)	7.00			7.57			HPLC, NMR, SEM-EDS, Raman	Pass
Choline Bitartrate	110.00			118.91			HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Zinc (Citrate)	13.00			18.530			HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Selenium(L-Selenomethionine)			70			93	HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Manganese (Citrate)	2.60			2.80			HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Molybdenum (Glycinate)			50			86	HPLC, NMR, SEM-EDS, Raman	Pass
Blend containing:	511.00			552.4			HPLC, NMR, SEM-EDS, Raman	Pass
Regenerative Organic Blueberry Fruit Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Regenerative Organic Beet Root Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Regenerative Organic Ginger Root Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Regenerative Organic Spinach Leaf Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Regenerative Organic Carrot Root Powder							HPLC, NMR, SEM-EDS, Raman	Pass
Blend containing: B infantis, B longum, B animalis, L acidophilus, L fermentum, L plantarum, L reuteri, L rhamnsous	14.00	15		15.1	16.17		HPLC, NMR, SEM-EDS, Raman, Luminex	Pass

Enzyme Blend: Amylase, Phytase, Protease, Glucoamylase, Alpha-Galactosidase, Lipase, Lactase, Cellulase, Maltase, Xylanase, Invertase, Pectinase	30.00			32.4			HPLC, NMR, SEM-EDS, Raman, LumInex	Pass
Boron (Amino Acid Chelate)	1.00			1.6			HPLC, NMR, SEM-EDS, Raman, ICP	Pass
Omega-3 DHA from Algae	300.00			324.3			HPLC, NMR, SEM-EDS, Raman	Pass
Calcium(Dicalcium Malate)	70.00			93			HPLC, NMR, SEM-EDS, Raman, ICP	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.