

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



Certificate of Analysis: 42 Billion CFU Probiotics + lot#SP4487-343-3

PO# 314487

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High Desert Analysis
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Customer contact
Nutritional Roots

May 23, 2023

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

Sample Information

Date of inquiry	5/3/2023
Collection date	5/3/2023
Date of receipt	5/3/2023
Date test performed	5/3/2023
Sample ID	230523-22
Lab ID	Alab
Type of test	IR,NIR,HPLC,Uv-Vis,iCP,Luminex, Raman,Elisa,GC,LCMS,TLC
Name of test material	42 Billion CFU Probiotics + lot#SP4487-343-3
Expiry date	11/28/2025
sample from	Nutritional Roots

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 737 mg

Reported Results

1 serving 1 capsule

Items	Specifications (mg)	Specifications (B CFU)	Specifications (mcg)	Results (mg)	Results (B CFU)	Results (mcg)	Test Methods	Pass/Fail
Blend containing;	454.50			455.79			HPLC, Uv-Vis, TLC, Raman	Pass
Organic Chicory Root Inulin	☒			☒			HPLC, Uv-Vis, TLC, Raman	Pass
Organic Beet Root Oligosaccharides	☒			☒			HPLC, Uv-Vis, TLC, Raman	Pass
Organic Tapioca Oligosaccharides	☒			☒			HPLC, Uv-Vis, TLC, Raman	Pass
Organic Acacia Fiber	☒			☒			HPLC, Uv-Vis, TLC, Raman	Pass
Organic Jerusalem Artichoke Inulin	☒			☒			HPLC, Uv-Vis, TLC, Raman	Pass
Broad-Spectrum Probiotic Blend 42 Billion CFU: L. acidophilus, B. coagulans, B. animalis lactis, B. subtilis, B. longum, L. casei, B. bifidum, L. lactis, L. bulgaricus, S. thermophilus, L. helveticus, & B. breve	115.5	42		115.81	42.11		HPLC, Uv-Vis, Luminex, Raman	Pass
Blend containing;	75			75.16			HPLC, Uv-Vis, GC, Raman	Pass
Organic Ginger Root Powder	☒			☒			HPLC, Uv-Vis, GC, Raman	Pass
Lipase	☒			☒			HPLC, Uv-Vis, Luminex, Raman	Pass
Glucosylase	☒			☒			HPLC, Uv-Vis, Luminex, Raman	Pass
Organic Peppermint Leaf Powder	☒			☒			HPLC, Uv-Vis, TLC, Raman	Pass
Protease	☒			☒			HPLC, Uv-Vis, Luminex, Raman	Pass
Amylase	☒			☒			HPLC, Uv-Vis, Luminex, Raman	Pass
Organic Apple Cider Vinegar Powder	☒			☒			HPLC, Uv-Vis, TLC, Raman	Pass
Blend containing;	90			90.28			HPLC, Uv-Vis, TLC, Raman	Pass

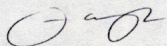
Organic Ashwagandha Root Extract						HPLC, Uv-Vis, TLC, Raman	Pass
Organic Ginkgo Biloba Leaf Extract						HPLC, Uv-Vis, TLC, Raman	Pass
Organic Valerian Root Extract						HPLC, Uv-Vis, TLC, Raman	Pass

Observations:

Authorized by

Date:

5/23/2023



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.