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

Highdesertanalysis

Certificate of Analysis: Irish Sea Moss + Magnesium Retest lot#SM5925-210-L4

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

Aug 28, 2026

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

Sample Information

Date of inquiry	8/24/2026
Collection date	8/24/2026
Date of receipt	8/24/2026
Date test performed	8/24/2026
Sample ID	260828-111
Lab ID	ALab
Type of test	IR,NIR,HPLC,UV-Vis,ICP,Luminex,Raman,Elisa,GC,LCMS,TLC, SEM-EDS, NMR, XRF
Name of test material	Irish Sea Moss + Magnesium Retest lot#SM5925-210-L4
Expiry date	7/22/2029
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 fill weight Target 896 mg

Reported Results

serving size 2 capsule

Items	Specifications (mg)	Specifications (B CFU)	Specifications (mcg)	Results (mg)	Results (B CFU)	Results (mcg)	Test Methods	Pass/Fail/Other
Organic Irish Sea Moss Powder	440.00			444.80			HPLC, SEM-EDS, NMR	Pass
Magnesium (Glycinate)	350.00			421.16			HPLC, SEM-EDS, NMR, ICP, XRF	Pass

Heavy Metals

Items	Prop 65 Limits	Results	Test Methods	Pass/Fail
Arsenic	10ppm	<.006ppm	AOAC 2011.19,993.14 ,2015.01(modified) USP<2232>	Pass
Cadmium	4.1ppm	<.006ppm	AOAC 2011.19,993.14 ,2015.01(modified) USP<2232>	Pass
Lead	.5ppm	<.001ppm	AOAC 2011.19,993.14 ,2015.01(modified) USP<2232>	Pass
Mercury	No limits/2ppm USP	<.001ppm	AOAC 2011.19,993.14 ,2015.01(modified) USP<2232>	Pass
Chromium	.1ppm	<.002ppm	AOAC 2011.19,993.14 ,2015.01(modified) USP<2232>	Pass

Authorized by:

Date: 8/28/2026

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.