



EXCELSIOR ALCHEMY

INTEGRITY, PASSION, EXCELLENCE

Certificate of Analysis

Product Name	Spirulina Manna	Date of Manufacture	February, 2022
Formula Code	SPMC150	Expiration Date	February, 2025
Lot	22010507	Country of Manufacture	United States
Version	1	Customer	HealthForce SuperFoods

Analysis	Specification	Result	Method
Physical			
Appearance	Powder/Capsule	Powder/Capsule	Organoleptic
Color	Dark Green	Dark Green	Organoleptic
Capsule Size	# 0 Veg	# 0 Veg	Organoleptic
Capsule Color	Clear /Clear	Clear /Clear	Organoleptic

Heavy Metals			
Arsenic (Total)	NMT 0.5 ppm	0.117 ppm	EPA-600/R-94-111 ICP-MS
Cadmium	NMT 0.25 ppm	0.00529 ppm	EPA-600/R-94-111 ICP-MS
Lead	NMT 0.2 ppm	0.0285 ppm	EPA-600/R-94-111 ICP-MS
Mercury	NMT 0.2 ppm	0.00521 ppm	EPA-600/R-94-111 ICP-MS

Chemical			
Composition	Conforms to reference	Conforms	HPTLC
Identity	Conforms to reference	Conforms	HPTLC
Protein	NLT 55 %	68.80 %	Combustion
Gluten Allergen	NMT 10 ppm	< 10 ppm	EZ-Gluten
Purity	No Presence of Chlorella and Klamath Algae	Conforms	HPTLC

Microbiological			
Total Plate Count	< 750,000 CFU/g	< 100 CFU/g	3M Petrifilm
Yeast & Mold	< 1,000 CFU/g	< 100 CFU/g	3M Petrifilm
Enterobacteriaceae	< 5,000 CFU/g	< 100 CFU/g	3M Petrifilm
Coliforms	< 5,000 CFU/g	< 100 CFU/g	3M Petrifilm
<i>E. coli</i>	None Present	None Detected	3M Petrifilm
<i>S. aureus</i>	None Present	None Detected	3M Petrifilm
<i>Salmonella</i>	None Present	None Detected	3M Petrifilm

Note: ppm = Parts Per Million
cfu/g = Colony-Forming Units Per Gram

NMT = Not More Than
NLT = Not Less Than

Approved By:

Michelle Leonardo
Quality Manager

02/07/2022

Date