



**EXCELSIOR  
ALCHEMY**

INTEGRITY, PASSION, EXCELLENCE

# CERTIFICATE OF ANALYSIS

PRODUCT NAME	SPIRULINA MANNA	DATE OF MANUFACTURE	JANUARY, 2025
FORMULA CODE	EFSPMC450	EXPIRATION DATE	JANUARY, 2028
LOT NUMBER	24120507	CUSTOMER	HEALTHFORCE SUPERFOODS
VERSION NUMBER	2		
CERTIFICATION STATUS	MADE WITH ORGANIC / KOSHER / GLUTEN-FREE / VEGAN		
CERTIFIED BY	OREGON TILTH / ORTHODOX UNION / GFCO / VEGAN ACTION		


ANALYSIS	SPECIFICATION	RESULT	METHOD
<b>PHYSICAL</b>			
APPEARANCE	Powder	Powder	Organoleptic
COLOR	Dark Green	Dark Green	Organoleptic
CAPSULE SIZE	# 0 Veg	# 0 Veg	Organoleptic
CAPSULE COLOR	Clear/Clear	Clear/Clear	Organoleptic

<b>HEAVY METALS</b>			
ARSENIC (TOTAL)	NMT 0.5 µg/g (ppm)	0.0686 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
CADMIUM	NMT 0.25 µg/g (ppm)	0.0161 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
LEAD	NMT 0.18 µg/g (ppm)	0.0555 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
MERCURY	NMT 0.2 µg/g (ppm)	<0.00500 µg/g (ppm)	EPA-600/R-94-111 ICP-MS

<b>CHEMICAL</b>			
COMPOSITION	Conforms to reference	Conforms	HPTLC
IDENTITY	Conforms to reference	Conforms	HPTLC
PROTEIN CONTENT	NLT 55%	67.58%	Combustion
MICROCYSTIN CONTENT	NMT 0.9 ppm	<0.2 ppm	ESS_2.2.10
PURITY	No Presence of Chlorella and Klamath Algae	Conforms	HPTLC
GLUTEN ALLERGEN	NMT 10 ppm	< 10 ppm	EZ Gluten

<b>MICROBIOLOGICAL</b>			
TOTAL PLATE COUNT	< 750,000 CFU/g	2,600 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

<b>NOTE</b>	
ppm = Parts Per Million	NMT = Not More Than
cfu/g = Colony-Forming Units Per Gram	NLT = Not Less Than

<b>APPROVED BY</b>	
	01/08/2025
MICHELLE LEONARDO QUALITY MANAGER	DATE

1310 W Drivers Way Suite 120 | Phone: (480) 653-8430  
 Tempe, AZ, USA 85284 | www.ExcelsiorAlchemy.com