



EXCELSIOR ALCHEMY

INTEGRITY, PASSION, EXCELLENCE

Certificate of Analysis

| | | | |
|---------------------|-----------------|-------------------------------|------------------------|
| Product Name | Spirulina Manna | Date of Manufacture | September, 2022 |
| Formula Code | EFSPM16 | Expiration Date | September, 2025 |
| Lot | 22090813 | Country of Manufacture | United States |
| Version | 1 | Customer | HealthForce SuperFoods |

| Analysis | Specification | Result | Method |
|---------------------------|--|---------------|-------------------------|
| Physical | | | |
| Appearance | Powder | Powder | Organoleptic |
| Color | Dark Green | Dark Green | Organoleptic |
| Heavy Metals | | | |
| Arsenic (Total) | NMT 0.5 ppm | 0.120 ppm | EPA-600/R-94-111 ICP-MS |
| Cadmium | NMT 0.25 ppm | 0.00582 ppm | EPA-600/R-94-111 ICP-MS |
| Lead | NMT 0.2 ppm | 0.0339 ppm | EPA-600/R-94-111 ICP-MS |
| Mercury | NMT 0.2 ppm | < 0.00500 ppm | EPA-600/R-94-111 ICP-MS |
| Chemical | | | |
| Composition | Conforms to reference | Conforms | HPTLC |
| Identity | Conforms to reference | Conforms | HPTLC |
| Protein | NLT 55 % | 68.61% | 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 | 2,400 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

09/26/2022

Date