



EXCELSIOR ALCHEMY

INTEGRITY, PASSION, EXCELLENCE

Certificate of Analysis

Product Name	MACA	Date of Manufacture	January, 2023
Formula Code	EFMR16	Expiration Date	January, 2026
Lot	22110728	Country of Manufacture	United States
Version	1	Customer	HealthForce SuperFoods

Analysis	Specification	Result	Method
Physical			
Appearance	Powder	Powder	Organoleptic
Color	Light Tan	Light Tan	Organoleptic
Heavy Metals			
Arsenic (Total)	NMT 0.5 ppm	0.225 ppm	EPA-600/R-94-111 ICP-MS
Cadmium	NMT 0.7 ppm	0.317 ppm	EPA-600/R-94-111 ICP-MS
Lead	NMT 0.45 ppm	0.416 ppm	EPA-600/R-94-111 ICP-MS
Mercury	NMT 0.25 ppm	< 0.00500 ppm	EPA-600/R-94-111 ICP-MS
Chemical			
Composition	Conforms to reference	Conforms	HPTLC
Identity	Conforms to reference	Conforms	HPTLC
Gluten Allergen	NMT 10 ppm	< 5.0 ppm	ELISA Based Method
Microbiological			
Total Plate Count	< 750,000 CFU/g	1,700 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
E. coli	None Present	None Detected	3M Petrifilm
S. aureus	None Present	None Detected	3M Petrifilm
Salmonella	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

01/31/2023

Date