



**EXCELSIOR
ALCHEMY**

INTEGRITY, PASSION, EXCELLENCE

CERTIFICATE OF ANALYSIS

PRODUCT NAME	GELATINIZED MACA	DATE OF MANUFACTURE	JANUARY, 2024
FORMULA CODE	EFGEM8	EXPIRATION DATE	JANUARY, 2027
LOT NUMBER	24011669	CUSTOMER	HEALTHFORCE SUPERFOODS
VERSION NUMBER	1		
CERTIFICATION STATUS	95% ORGANIC / KOSHER / GLUTEN-FREE		
CERTIFIED BY	OREGON TILTH / ORTHODOX UNION / GFCO		


ANALYSIS	SPECIFICATION	RESULT	METHOD
PHYSICAL			
APPEARANCE	Powder	Powder	Organoleptic
COLOR	Light Tan	Light Tan	Organoleptic

HEAVY METALS			
ARSENIC (TOTAL)	NMT 0.45 ppm	0.185 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
CADMIUM	NMT 0.75 ppm	0.313 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
LEAD	NMT 0.75 ppm	0.403 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
MERCURY	NMT 0.25 ppm	0.185 µg/g (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	< 10 ppm	EZ Gluten

MICROBIOLOGICAL			
TOTAL PLATE COUNT	< 750,000 CFU/g	800 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	NMT = Not More Than
cfu/g = Colony-Forming Units Per Gram	NLT = Not Less Than

APPROVED BY	
	02/06/2024
MICHELLE LEONARDO QUALITY MANAGER	DATE

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