



**EXCELSIOR
ALCHEMY**

INTEGRITY, PASSION, EXCELLENCE

CERTIFICATE OF ANALYSIS

PRODUCT NAME	HEMP HEARTS	DATE OF MANUFACTURE	JUNE, 2023
FORMULA CODE	EFHH16	EXPIRATION DATE	JUNE, 2025
LOT NUMBER	23060002	CUSTOMER	HEALTHFORCE SUPERFOODS
VERSION NUMBER	1		
CERTIFICATION STATUS	100% ORGANIC / KOSHER / GLUTEN-FREE / VEGAN		
CERTIFIED BY	OREGON TILTH / ORTHODOX UNION / GFCCO / VEGAN ACTION		

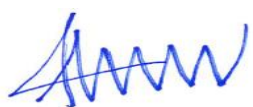
ANALYSIS	SPECIFICATION	RESULT	METHOD
PHYSICAL			
APPEARANCE	Dehulled Seeds	Dehulled Seeds	Organoleptic
COLOR	White with green specs	White with green specs	Organoleptic

HEAVY METALS			
ARSENIC (TOTAL)	NMT 0.2 µg/g (ppm)	0.131 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
CADMIUM	NMT 0.1 µg/g (ppm)	0.0112 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
LEAD	NMT 0.1 µg/g (ppm)	<0.00500 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
MERCURY	NMT 0.1 µg/g (ppm)	<0.00500 µg/g (ppm)	EPA-600/R-94-111 ICP-MS

CHEMICAL			
COMPOSITION	Conforms to reference	Conforms	HPTLC
IDENTITY	Conforms to reference	Conforms	HPTLC
PROTEIN CONTENT	NLT 30%	33.7%	Combustion
PEROXIDE VALUE	NMT 10 meq/kg	0.4 meq/kg	AOCS Cd 8b-90
THC (TETRAHYDROCANNABINOL) LEVEL	NMT 0.3 %	<0.000100%	AOAC2018.11 (UHPLC-MS/MS)
GLUTEN ALLERGEN	NMT 10 ppm	< 10 ppm	EZ Gluten

MICROBIOLOGICAL			
TOTAL PLATE COUNT	< 750,000 CFU/g	20,200 CFU/g	3M Petrifilm
YEAST & MOLD	< 1,000 CFU/g	< 100 CFU/g	3M Petrifilm
ENTEROBACTERIACEAE	< 5,000 CFU/g	170 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
meq/kg = Milliequivalents Per Kilogram	

APPROVED BY	
	07/10/2023
MICHELLE LEONARDO QUALITY MANAGER	DATE

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