



**EXCELSIOR  
ALCHEMY**

INTEGRITY, PASSION, EXCELLENCE

# CERTIFICATE OF ANALYSIS

<b>PRODUCT NAME</b>	EARTH BROTH	<b>DATE OF MANUFACTURE</b>	MARCH, 2024
<b>FORMULA CODE</b>	EFEARTH5	<b>EXPIRATION DATE</b>	MARCH, 2026
<b>LOT NUMBER</b>	23101335	<b>CUSTOMER</b>	HEALTHFORCE SUPERFOODS
<b>VERSION NUMBER</b>	5.2		
<b>CERTIFICATION STATUS</b>	MADE WITH ORGANIC / KOSHER / VEGAN		
<b>CERTIFIED BY</b>	OREGON TILTH / ORTHODOX UNION / VEGAN ACTION		


ANALYSIS	SPECIFICATION	RESULT	METHOD
<b>PHYSICAL</b>			
<b>APPEARANCE</b>	Powder	Powder	Organoleptic
<b>COLOR</b>	Reddish Brown	Reddish Brown	Organoleptic

<b>HEAVY METALS</b>			
<b>ARSENIC (TOTAL)</b>	NMT 1 µg/g (ppm)	0.822 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
<b>CADMIUM</b>	NMT 0.25 µg/g (ppm)	0.0751 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
<b>LEAD</b>	NMT 0.5 µg/g (ppm)	0.184 µg/g (ppm)	EPA-600/R-94-111 ICP-MS
<b>MERCURY</b>	NMT 0.1 µg/g (ppm)	<0.00500 µg/g (ppm)	EPA-600/R-94-111 ICP-MS

<b>CHEMICAL</b>			
<b>COMPOSITION</b>	Conforms to reference	Conforms	HPTLC
<b>IDENTITY</b>	Conforms to reference	Conforms	HPTLC
<b>CAPSAICIN CONTENT</b>	NMT 333 mcg/g	<50.0 mcg/g	UPLC

<b>MICROBIOLOGICAL</b>			
<b>TOTAL PLATE COUNT</b>	< 750,000 CFU/g	7,100 CFU/g	3M Petrifilm
<b>YEAST &amp; MOLD</b>	< 1,000 CFU/g	< 100 CFU/g	3M Petrifilm
<b>ENTEROBACTERIACEAE</b>	< 5,000 CFU/g	< 100 CFU/g	3M Petrifilm
<b>COLIFORMS</b>	< 5,000 CFU/g	< 100 CFU/g	3M Petrifilm
<b><i>E. COLI</i></b>	None Present	None Detected	3M Petrifilm
<b><i>S. AUREUS</i></b>	None Present	None Detected	3M Petrifilm
<b><i>SALMONELLA</i></b>	None Present	None Detected	3M Petrifilm

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

<b>APPROVED BY</b>	
	03/21/2024
<b>MICHELLE LEONARDO QUALITY MANAGER</b>	<b>DATE</b>