



EXCELSIOR ALCHEMY

INTEGRITY, PASSION, EXCELLENCE

Certificate of Analysis

Product Name	Earth Broth	Date of Manufacture	July, 2022
Formula Code	EARTH16	Expiration Date	July, 2024
Lot	22072058	Country of Manufacture	United States
Version #	5	Customer	HealthForce SuperFoods

Analysis	Specification	Result	Method
Physical			
Appearance	Powder	Powder	Organoleptic
Color	Reddish Brown	Reddish Brown	Organoleptic
Heavy Metals			
Arsenic (Total)	NMT 1 ppm	0.927 ppm	EPA-600/R-94-111 ICP-MS
Cadmium	NMT 0.25 ppm	0.0919 ppm	EPA-600/R-94-111 ICP-MS
Lead	NMT 0.5 ppm	0.156 ppm	EPA-600/R-94-111 ICP-MS
Mercury	NMT 0.1 ppm	< 0.00500 ppm	EPA-600/R-94-111 ICP-MS
Chemical			
Composition	Conforms to reference	Conforms	HPTLC
Identity	Conforms to reference	Conforms	HPTLC
Capsicums	NMT 333 mcg/g	< 50 mcg/g	HPLC
Microbiological			
Total Plate Count	< 750,000 CFU/g	20,000 CFU/g	3M Petrifilm
Yeast & Mold	< 1,000 CFU/g	< 100 CFU/g	3M Petrifilm
Enterobacteriaceae	< 5,000 CFU/g	1,400 CFU/g	3M Petrifilm
Coliforms	< 5,000 CFU/g	500 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
 mcg/g = Microgram Per Gram

NMT = Not More Than
NLT = Not Less Than

Approved By:

Michelle Leonardo
Quality Manager

08/03/2022

Date