



EXCELSIOR ALCHEMY

INTEGRITY, PASSION, EXCELLENCE

Certificate of Analysis

Product Name	SCRAM	Date of Manufacture	January, 2022
Formula Code	SCRAM150	Expiration Date	January, 2025
Lot	22011179	Country of Manufacture	United States
Version	1.1	Customer	HealthForce SuperFoods

Analysis	Specification	Result	Method
Physical			
Appearance	Powder	Powder	Organoleptic
Color	Dark Brown/Gray	Dark Brown/Gray	Organoleptic
Capsule Size	# 0 Veg	# 0 Veg	Organoleptic
Capsule Color	Clear /Clear	Clear /Clear	Organoleptic

Heavy Metals			
Arsenic (Total)	NMT 0.5 ppm	0.153 ppm	EPA-600/R-94-111 ICP-MS
Cadmium	NMT 0.25 ppm	0.0595 ppm	EPA-600/R-94-111 ICP-MS
Lead	NMT 1 ppm	0.667 ppm	EPA-600/R-94-111 ICP-MS
Mercury	NMT 0.2 ppm	0.0112 ppm	EPA-600/R-94-111 ICP-MS

Chemical			
Composition	Conforms to reference	Conforms	HPTLC
Identity	Conforms to reference	Conforms	HPTLC
Eugenol	NLT 1.5 mg/g	51.7 mg/g	MISC_OC3
Thujone	NMT 0.12 %	0.000477 %	UPLC
Solvents (on raw material)	Solvents with USP Limits	Conforms	USP
Gluten Allergen	NMT 10 ppm	< 5.0 ppm	ELISA Based Method

Microbiological			
Total Plate Count	< 750,000 CFU/g	38,000 CFU/g	3M Petrifilm
Yeast & Mold	< 1,000 CFU/g	300 CFU/g	3M Petrifilm
Enterobacteriaceae	< 5,000 CFU/g	< 100 CFU/g	3M Petrifilm
Coliforms	< 5,000 CFU/g	< 100 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 NMT = Not More Than mg/g = Milligram Per Gram
 cfu/g = Colony-Forming Units Per Gram NLT = Not Less Than

Approved By:

Michelle Leonardo
Quality Manager

01/20/2022

Date