



EXCELSIOR ALCHEMY

INTEGRITY, PASSION, EXCELLENCE

Certificate of Analysis

Product Name	SCRAM	Date of Manufacture	August, 2022
Formula Code	SCRAM150	Expiration Date	August, 2025
Lot	22072059	Country of Manufacture	United States
Version	1.1	Customer	HealthForce Superfoods

Analysis	Specification	Result	Method
Physical			
Appearance	Powder/Capsule	Powder/Capsule	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	0.0931 ppm	EPA-600/R-94-111 ICP-MS
Cadmium	NMT 0.25 ppm	0.125 ppm	EPA-600/R-94-111 ICP-MS
Lead	NMT 1 ppm	0.454 ppm	EPA-600/R-94-111 ICP-MS
Mercury	NMT 0.2 ppm	< 0.00500 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	44.5 mg/g	MISC_OC3
Thujone	NMT 0.12 %	0.000816 %	UPLC
Gluten Allergen	NMT 10 ppm	< 5.0 ppm	ELISA Based Method

Microbiological			
Total Plate Count	< 750,000 CFU/g	14,000 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
<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

08/03/2022

Date