



EXCELSIOR ALCHEMY

INTEGRITY, PASSION, EXCELLENCE

Certificate of Analysis

Product Name	Turmeric Alchemy Adaptogen Tonic	Date of Manufacture	April, 2020
Formula Code	TA180	Expiration Date	April, 2023
Lot	20327136	Country of Manufacture	United States
Version #	1	Customer	HealthForce SuperFoods

Analysis	Specification	Result	Method
Physical			
Appearance	Powder	Powder	Organoleptic
Color	Golden Orange	Golden Orange	Organoleptic
Heavy Metals			
Arsenic (Total)	NMT 0.6 ppm	0.0496 ppm	EPA-600/R-94-111 ICP-MS
Cadmium	NMT 0.5 ppm	0.235 ppm	EPA-600/R-94-111 ICP-MS
Lead	NMT 0.7 ppm	0.276 ppm	EPA-600/R-94-111 ICP-MS
Mercury	NMT 0.15 ppm	< 0.00500 ppm	EPA-600/R-94-111 ICP-MS
Chemical			
Composition	>95% Match of the reference	99.22% Match to reference	FTIR
Identity	Conforms to reference	Conforms	HPTLC
Protein	NLT 6.5 %	10.38 %	Combustion
Gluten Allergen	NMT 10 ppm	< 5 ppm	ELISA Based Method
Microbiological			
Total Plate Count	< 750,000 CFU/g	2,100 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
cfu/g = Colony-Forming Units Per Gram

NMT = Not More Than
NLT = Not Less Than

Approved By:

Michelle Leonardo
Quality Manager

04/23/2020

Date