



EXCELSIOR ALCHEMY

INTEGRITY, PASSION, EXCELLENCE

Certificate of Analysis

Product Name	Cacao Seed Organic	Date of Manufacture	December, 2018
Formula Code	CS16	Expiration Date	December, 2021
Lot	81212032	Country of Manufacture	United States
Version	1	Customer	Excelsior Alchemy

Analysis	Specification	Result	Method
Physical			
Appearance	Powder	Powder	Organoleptic
Color	Brown	Brown	Organoleptic
Heavy Metals			
Arsenic (Total)	NMT 0.2 ppm	0.0841 ppm	EPA-600/R-94-111 ICP-MS
Cadmium	NMT 4 ppm	2.25 ppm	EPA-600/R-94-111 ICP-MS
Lead	NMT 0.1 ppm	0.0759 ppm	EPA-600/R-94-111 ICP-MS
Mercury	NMT 0.1 ppm	< 0.0099 ppm	EPA-600/R-94-111 ICP-MS
Chemical			
Composition	Conforms to reference	Conforms	HPTLC
Identity	Conforms to reference	Conforms	HPTLC
Gluten Allergen	NMT 10 ppm	< 10 ppm	EZ-Gluten
Microbiological			
Total Plate Count	< 10,000 CFU/g	2,100 CFU/g	3M Petrifilm
Yeast & Mold	< 1,000 CFU/g	< 100 CFU/g	3M Petrifilm
Enterobacteriaceae	< 100 CFU/g	< 100 CFU/g	3M Petrifilm
Coliforms	< 100 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

12/21/2018

Date