



# EXCELSIOR ALCHEMY

INTEGRITY, PASSION, EXCELLENCE

## Certificate of Analysis

<b>Product Name</b>	CACAO POWDER	<b>Date of Manufacture</b>	February, 2023
<b>Formula Code</b>	EFCBP16	<b>Expiration Date</b>	February, 2026
<b>Lot</b>	23020617	<b>Country of Manufacture</b>	United States
<b>Version</b>	1	<b>Customer</b>	Excelsior Alchemy

Analysis	Specification	Result	Method
<b>Physical</b>			
<b>Appearance</b>	Powder	Powder	Organoleptic
<b>Color</b>	Light Brown	Light Brown	Organoleptic
<b>Heavy Metals</b>			
<b>Arsenic (Total)</b>	NMT 0.2 ppm	0.0187 ppm	EPA-600/R-94-111 ICP-MS
<b>Cadmium</b>	NMT 1 ppm	0.816 ppm	EPA-600/R-94-111 ICP-MS
<b>Lead</b>	NMT 0.1 ppm	0.0253 ppm	EPA-600/R-94-111 ICP-MS
<b>Mercury</b>	NMT 0.1 ppm	< 0.00500 ppm	EPA-600/R-94-111 ICP-MS
<b>Chemical</b>			
<b>Composition</b>	Conforms to reference	Conforms	HPTLC
<b>Identity</b>	Conforms to reference	Conforms	HPTLC
<b>Gluten Allergen</b>	NMT 10 ppm	< 10 ppm	EZ-Gluten
<b>Microbiological</b>			
<b>Total Plate Count</b>	< 750,000 CFU/g	20,000 CFU/g	3M Petrifilm
<b>Yeast &amp; Mold</b>	< 1,000 CFU/g	< 100 CFU/g	3M Petrifilm
<b>Enterobacteriaceae</b>	< 5,000 CFU/g	< 100 CFU/g	3M Petrifilm
<b>Coliforms</b>	< 5,000 CFU/g	< 100 CFU/g	3M Petrifilm
<b><i>E. coli</i></b>	None Present	None Detected	3M Petrifilm
<b><i>S. aureus</i></b>	None Present	None Detected	3M Petrifilm
<b><i>Salmonella</i></b>	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

**02/23/2023**

**Date**