

## Certificate of Analysis

PRODUCT NAME: Catuaba Bark Extract 4.1

INCI: Erythroxylum Catuaba

LOT # BPCCBPE122023

EXPIARY: December 2027

ORIGIN: Brazil

Properties	Method	Specification	Results
APPEARANCE:	VISUAL	POWDER	CONFORMS
COLOR:	VISUAL	BROWN	CONFORMS
TASTE:	ORGANOLEPTIC	CHARACTERISTIC	CONFORMS
ODOR:	ORGANOLEPTIC	CHARACTERISTIC	CONFORMS
IDENTIFICATION:	FTIR	VERIFIED	VERIFIED
EXTRACTION BY:	WATER & ETHANOL	WATER & ETHANOL	CONFORMS
MESH SIZE:	RO-TAP	60 MESH	CONFORMS
LOSS ON DRYING:	MF-50 MOISTURE ANALYZER	<10%	4.30%
HEAVY METALS:	AOAC 993.14	<5 PPM	<2 PPM
LEAD:	AOAC 993.14	REPORT ONLY	0.018 PPM
ARSENIC:	AOAC 993.14	REPORT ONLY	0.040 PPM
CADMIUM:	AOAC 993.14	REPORT ONLY	0.006 PPM
MERCURY:	AOAC 993.14	REPORT ONLY	0.001 PPM

### MICROBIOLOGICAL ANALYSIS:

TOTAL AEROBIC			
PLATE COUNT:	AOAC 966.23	<10,000 cfu/g	<10,000 cfu/g
YEAST & MOLD:	FDA-BAM 8 <sup>th</sup> -ED	<300 cfu/g	<300 cfu/g
TOTAL COLIFORM:	FDA-BAM 8 <sup>th</sup> -ED	NEGATIVE	NEGATIVE
E. COLI:	FDA-BAM 8 <sup>th</sup> -ED	NEGATIVE	NEGATIVE
SALMONELLA:	AOAC 2013.01	NEGATIVE	NEGATIVE
S. AUREUS:	FDA-BAM 8 <sup>th</sup> -ED	NEGATIVE	NEGATIVE

**Shelf life depends on storage. Keep away from Light, Heat, Moisture & Air.**

This product is a 100% pure. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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