

CERTIFICATE OF ANALYSIS

Product: Pau D'Arco Powder

Botanical Name/INCI: Handroanthus Impetiginosus syn Tabebuia impetiginosa

Lot No: BPCPDAP012023

Cas no. 223748-85-4

Best Before: January, 2027

Origin: Brazil

<u>ANALYSIS</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>TEST</u>
Description	Powder	Powder	Visual
Identification	Positive	Conforms	HPTLC
Color	Brown	Brown	Visual
Taste	Characteristic	Conform	Organoleptic
Odor	Characteristic	Woody	Organoleptic
Loss on Drying	12.0% Max	7.39%	AOAC
Heavy Metals	≤20ppm	<10.0ppm	ICP-MS
(Pb)	≤3.0ppm	0.649ppm	
(As)	≤2.0ppm	0.560ppm	
(Cd)	≤1.0ppm	0.0122ppm	
(Hg)	≤1.0ppm	0.0122ppm	
Mesh Size	100% through USS 40	100%	
	≥90% through USS 60	90%	USS Sieve

Microbiological Counts

Total Plate Count	≤500,000cfu/g	14,000cfu/g	FDA BAM Ch 3.
Yeast	≤10,000cfu/g	<100cfu/g	CMMEF 5th Ed
Mold	≤10,000cfu/g	<100cfu/g	CMMEF 5th Ed
Coliforms	≤1,000cfu/g	<100cfu/g	FDA BAM Ch 4.
E. coli	Absent/10g	Absent/10g	USP <2022>
Salmonella	Negative/25g	Negative/25g	AOAC 2013.01

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