

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Bamboo extract		
<b>Botanical Name</b>	<i>Lophatherum gracile</i>		
<b>Part Used</b>	Leaf		
<b>Appearance</b>	Brown yellow powder		
<b>Batch Number</b>	20230720	<b>Manufacture Date</b>	20230720
<b>Report Date</b>	20230720	<b>Expiry Date</b>	20250719

Item of Analysis	Specification	Results	Test Methods
Total flavonoid	10%	12.25%	UV
Particle Size	95% pass 80mesh	Conform	CP2010
Loss on drying	5%NMT (%)	3.82%	5g/105C/5hrs
Total ash	20%NMT (%)	Conform	5g/105C/5hrs
Bulk Density	30-70g/100mL	Conform	CP2010IA
Heavy Metals	20ppm Max	Conform	Atomic Absorption
Lead (Pb)	2ppm NMT	Conform	Atomic Absorption
Arsenic (As)	2ppm NMT	Conform	Atomic Absorption
Cadmium (Cd)	1ppm NMT	Conform	Atomic Absorption
Mercury (Hg)	0.1ppm NMT	Conform	Atomic Absorption
Pesticide Residues	Meet USP Requirement	Conform	Gas Chromatography
Total Plate Count	1000cfu/g Max	100cfu/g	AOAC
Yeast & Mold	100cfu/g Max	10cfu/g	AOAC
E. Coli.	Negative	Conform	AOAC
Salmonella	Negative	Conform	AOAC
Staphylococcus	Negative	Conform	AOAC

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

