



Certificate of Analysis

Bamboo Extract Silica 70% UV

Batch No.	ZY-200713	Manufacturing Date	7/13/2020
Batch Quantity	1000KG	Expiration Date	7/12/2022
Botanical Source	<i>Bambusa vulgaris</i>	Country of Origin	India
Appearance	White to Off white Fine Powder	Part Used	Stem / Shoot (100% Natural)
Solvents Used	Water	Extract Ratio	15:1
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes No

ITEMS	SPECIFICATION	RESULT	METHOD
Content	Silica \geq 70% (on dry basis)	71.50%	UV
Identification	Correspond to standard	Conform	TLC USP<201>

PHYSICAL CHARACTERISTICS

Particle Size	NLT 95% Through 80 mesh	98.10%	Analytical sieving USP <786>
Loss on Drying	NMT 5.00%	1.54%	USP <731>
pH	4.0 -7.0	Conform	USP
Tapped Bulk density	Between 30-80g/100ml	31.00g/100ml	USP <616> Method I

CHEMICAL CHARACTERISTICS

Pesticide Residue	Meet the requirements	Conform	GC USP <561>
Heavy Metals(as Pb)	NMT 10ppm	Conform	USP <231> Method II
Arsenic (As)	NMT 2ppm	0.23ppm	ICP-MS
Lead (Pb)	NMT 2ppm	0.24ppm	ICP-MS
Cadmium(Cd)	NMT 1ppm	0.24ppm	ICP-MS
Mercury(Hg)	NMT 0.1ppm	0.10ppm	ICP-MS

MICROBIOLOGICAL CHARACTERISTICS

Total Plate Count	NMT10000cfu/g	800cfu/g	USP<61>
Total Yeast & Mold	NMT1000cfu/g	30cfu/g	USP<61>
E.Coli	Not Detected in(g) 10	Not Detected	USP<61>
Salmonella	Not Detected in(g) 25	Not Detected	USP<61>
Staphylococcus	Not Detected in(g) 10	Not Detected	USP<61>

Packing and Storage

Polyethylene bag with cardboard drum. 20kg net.

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

Tested by: *Tracy Cui* Date: 07/20/2020

Approved by: *Jack Joa* Date: 07/20/2020