



Hongda
Phytochemistry

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Headquarter: 1932 S Lynx Place, Ontario, CA 91761,US

Factory: No.2, Hongda Industrial District, Dacheng, Sanyuan, Xianyang, Shaanxi,China.

USA Warehouse: 1932 S. Lynx PL, Ontario, CA 91761,US

NJ Warehouse: 52 Butler Street, Unit A Eizabeth, NJ 07206

Certificate of Analysis

Slippery Elm Bark Powder

Batch No.	YSP-200814	Manufacturing Date	08/14/2020
Batch Quantity	1000KG	Expiration Date	08/13/2023
Botanical Source	<i>Ulmus rubra</i>	Country of Origin	China
Appearance	Brown Yellow Fine Powder	Part Used	Bark (100% Natural)
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes No

ITEMS	SPECIFICATION	RESULT	METHOD
Identification	Correspond to standard	Conform	TLC USP<201>

PHYSICAL CHARACTERISTICS

Particle Size	NLT 95% Through 80 mesh	98.90%	Analytical sieving USP <786>
Loss on Drying	NMT 10.00%	3.23%	USP <731>
Total Ash	NMT 10.00%	3.16%	USP <561>
Bulk Density	Between 40-60g/100ml	51.00g/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	0.180ppm	ICP-MS
Lead (Pb)	NMT 2ppm	0.960ppm	ICP-MS
Cadmium(Cd)	NMT 1ppm	0.020ppm	ICP-MS
Mercury(Hg)	NMT 1ppm	0.010ppm	ICP-MS

MICROBIOLOGICAL CHARACTERISTICS

Total Plate Count	NMT10000cfu/g	500cfu/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. 25kg net.
Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Tested by: *Troy Cui*

Date: 08/21/2020

Approved by: *Jack Joa*

Date: 08/21/2020