



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 Elizabeth, NJ 07206

Certificate of Analysis

Black Cherry Extract 10:1 TLC

Batch No.	HYY-211028	Manufacturing Date	10/28/2021
Batch Quantity	1000KG	Expiration Date	10/27/2024
Botanical Source	<i>Prunus serotina</i>	Country of Origin	China
Appearance	Pink Fine Powder	Part Used	Fruit (100% Natural)
Solvents Used	Water	Carrier Used	Maltodextrin
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes No

ITEMS	SPECIFICATION	RESULT	METHOD
Ratio	10:1	10:1	TLC USP<201>
Identification	Correspond to standard	Conform	TLC USP<201>

PHYSICAL CHARACTERISTICS

Particle Size	NLT 95% Through 80 mesh	99.10%	Analytical sieving USP <786>
Loss on Drying	NMT 5.00%	3.25%	USP <731>
Acid-Insoluble Ash	NMT 5.00%	0.19%	USP <561>
Bulk Density	Between 30-60g/100ml	53.00g/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	< 1ppm	ICP-MS
Lead (Pb)	NMT 2ppm	< 1ppm	ICP-MS
Cadmium(Cd)	NMT 1ppm	0.200ppm	ICP-MS
Mercury(Hg)	NMT 1ppm	0.011ppm	ICP-MS

MICROBIOLOGICAL CHARACTERISTICS

Total Plate Count	NMT 10000cfu/g	1100cfu/g	USP<61>
Total Yeast & Mold	NMT 1000cfu/g	60cfu/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: Tracy Cui

Date: 11/07/2021

Approved by: Jack Jia

Date: 11/07/2021