



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

Instant Black Tea Extract

Batch No.	HC210616	Manufacturing Date	06/16/2021
Batch Quantity	2000KG	Expiration Date	06/15/2024
Botanical Source	<i>Camellia Sinensis</i>	Country of Origin	China
Appearance	Brown Fine Powder	Part Used	Leaf (100% Natural)
Solvents Used	Water	Carrier Used	None
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes No

ITEMS	SPECIFICATION	RESULT	METHOD
Polyphenols	≥20%	20.15%	UV
Catechins	Report Only	3.1%	HPLC
EGCG	Report Only	1.2%	HPLC
Caffeine	≥4%	4.12%	HPLC
Identification	Correspond to standard	Conform	TLC USP<201>

PHYSICAL CHARACTERISTICS

Taste & Smell	Characteristic	Conform	Organoleptic
Particle Size	NLT 95% Through 80 mesh	98.70%	Analytical sieving USP <786>
Loss on Drying	NMT 6.00%	3.40%	USP <731>
Solubility	Water Soluble	Conform	Visual
Bulk Density	Report Only	50g/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 1ppm	0.200ppm	ICP-MS
Lead (Pb)	NMT 2ppm	0.230ppm	ICP-MS
Cadmium(Cd)	NMT 1ppm	0.020ppm	ICP-MS
Mercury(Hg)	NMT 1ppm	0.010ppm	ICP-MS

MICROBIOLOGICAL CHARACTERISTICS

Total Plate Count	NMT1000cfu/g	Conform	USP<61>
Total Yeast & Mold	NMT100cfu/g	Conform	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: 06/23/2021

Approved by: Jack Jia

Date: 06/23/2021