



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

Shilajit (Shilajeet) Extract Fulvic Acid 40% Gravimetry

Batch No.	XLZ210314	Manufacturing Date	03/14/2021
Batch Quantity	1000KG	Expiration Date	03/13/2024
Appearance	Dark Brown Fine powder	Country of Origin	China
Botanical Name	<i>Asphaltum</i>	Part Used	Shilajit (100% Natural)
Solvent Used	Ethanol & Water	Carrier Used	None
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes No

ITEMS	SPECIFICATION	RESULT	METHOD
Content	Fulvic Acid≥40%	40.17%	Gravimetry
Identification	Correspond to standard	Conform	TLC USP<202>

PHYSICAL CHARACTERISTICS

Particle Size	NLT 90% Through 60 mesh	Conform	Analytical sievingUSP <786>
Loss on Drying	NMT 5.00%	3.32%	USP <731>
pH	4-9	4.92	In house
Bulk Density	Between 30-100g/100ml	70.00g/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	<2ppm	ICP-MS
Lead (Pb)	NMT 2ppm	<2ppm	ICP-MS
Cadmium(Cd)	NMT 2ppm	<2ppm	ICP-MS
Mercury(Hg)	NMT 2ppm	<2ppm	ICP-MS

MICROBIOLOGICAL CHARACTERISTICS

Total Plate Count	NMT10000cfu/g	Conform	USP<61>
Total Yeast & Mold	NMT1000cfu/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:** 03/22/2021

Approved by: Jack Joa **Date:** 03/22/2021