



## JHD CORP

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Office&Warehouse(USA): 35 E Park Dr, Westampton, NJ, 08060  
Office(China): Room 1307, Shenglang International, Xi'an, Shaanxi  
Manufacturer(China): Hongda Industrial District, Xianyang, Shaanxi  
Office&Warehouse(Netherlands): Piet Stuurmanweg 7, 2742 JX Waddinxveen

# Certificate of Analysis

## Mangosteen Extract 10:1

<b>Batch No.</b>	SZ250412	<b>Manufacturing Date</b>	April 12, 2025
<b>Batch Quantity</b>	500KG	<b>Expiration Date</b>	April 11, 2027
<b>Botanical Source</b>	<i>Garcinia mangostana L.</i>	<b>Country of Origin</b>	China
<b>Appearance</b>	Pale Brown Fine Powder	<b>Part Used</b>	Peel (100% Natural)
<b>Solvents Used</b>	Water	<b>Carrier Used</b>	Dextrin
<b>Sterilization Method</b>	Heat    NON-IRR	<b>Kosher    Halal</b>	Yes    Yes

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

### PHYSICAL CHARACTERISTICS

Odor&Taste	Characteristic	Conform	Organoleptic
Particle Size	NLT 95% Through 80 mesh	Conform	Analytical sieving    USP <786>
Loss on Drying	NMT 5.0%	3.62%	USP <731>
Acid-Insoluble Ash	NMT 5.0%	3.13%	USP <561>

### CHEMICAL CHARACTERISTICS

Heavy Metals(as Pb)	NMT 10ppm	< 10.0ppm	USP <231> Method II
Arsenic (As)	NMT 2ppm	< 1.0ppm	ICP-MS    USP <233>
Lead (Pb)	NMT 2ppm	< 1.0ppm	ICP-MS    USP <233>
Cadmium (Cd)	NMT 1ppm	< 1.0ppm	ICP-MS    USP <233>
Mercury (Hg)	NMT 1ppm	< 1.0ppm	ICP-MS    USP <233>

### MICROBIOLOGICAL CHARACTERISTICS

Total Plate Count	NMT 10,000cfu/g	< 10cfu/g	USP<2021>
Total Yeast & Mold	NMT 1,000cfu/g	< 10cfu/g	USP<2021>
E. Coli	Not Detected in(g) 10	Not Detected	USP<2022>
Salmonella	Not Detected in(g) 25	Not Detected	USP<2022>
Staphylococcus	Not Detected in(g) 10	Not Detected	USP<2022>

**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: April 21, 2025 Approved by: *Jack Joa* Date: April 21, 2025

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