



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

Luo Han Guo Extract Mogroside-V 50% HPLC (Monk Fruit Extract)

Batch No.	LHG-201113	Manufacturing Date	11/13/2020
Batch Quantity	500KG	Expiration Date	11/12/2023
Botanical Source	<i>Momordica Grosvenori Swingle</i>	Country of Origin	China
Appearance	White to off-white Fine Powder	Part Used	Fruit (100% Natural)
Solvents Used	Water	Carrier Used	None
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes No

ITEMS	SPECIFICATION	RESULT	METHOD
Content	Mogroside-V \geq 50%	51.43%	HPLC USP<621>
Identification	Correspond to standard	Conform	TLC USP<201>

PHYSICAL CHARACTERISTICS

Odor & Taste	Characteristic	Conform	Organoleptic
Particle Size	NLT 95% Through 80 mesh	99.10%	Analytical sieving USP <786>
Loss on Drying	NMT 5.00%	2.14%	USP <731>
Total Ash	NMT 5.00%	3.89%	USP <561>
Bulk Density	Between 30-60g/100ml	34.00g/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 1ppm	<0.5ppm	ICP-MS
Lead (Pb)	NMT 1ppm	<0.5ppm	ICP-MS
Cadmium(Cd)	NMT 1ppm	<0.1ppm	ICP-MS
Mercury(Hg)	NMT 0.1ppm	<0.1ppm	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. 20kg net.
Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Tested by: *Troy Cui*

Date: 11/20/2020

Approved by: *Jack Jia*

Date: 11/20/2020