



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

Gymnema Sylvestre Extract Gymnemic acids 25% Gravimetry

Batch No.	WXT201201	Manufacturing Date	12/01/2020
Batch Quantity	1000KG	Expiration Date	11/30/2023
Botanical Source	<i>Gymnema sylvestre</i>	Country of Origin	India
Appearance	Greenish Brown Fine Powder	Part Used	Leaf (100% Natural)
Solvents Used	Water&Ethanol	Extract Ratio	4:1
Sterilization Method	Heat NON-IRR	Kosher Halal	Yes Yes

ITEMS	SPECIFICATION	RESULT	METHOD
Content	Gymnemic acids≥25%	25.56%	Gravimetry
Identification	Correspond to standard	Conform	TLC USP<201>

PHYSICAL CHARACTERISTICS

Odor & Taste	Bitter	Conform	Organoleptic
Particle Size	NLT 98% Through 40 mesh	100.00%	Analytical sievingUSP <786>
Loss on Drying	NMT 5.00%	3.52%	USP <731>
Total Ash	NMT 5.00%	4.52%	USP <561>
PH	5-8	5.15	USP
Bulk Density	Between 40-60g/100ml	45g/100ml	USP <616> Method I

CHEMICAL CHARACTERISTICS

Residual Solvent	NMT 5000ppm	Conform	GC USP <467>
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	< 1ppm	ICP-MS
Mercury(Hg)	NMT 1ppm	<0.5ppm	ICP-MS

MICROBIOLOGICAL CHARACTERISTICS

Total Plate Count	NMT10000cfu/g	< 1000cfu/g	USP<61>
Total Yeast & Mold	NMT1000cfu/g	< 100cfu/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: 12/10/2020

Approved by: *Jack Jia* Date: 12/10/2020