



**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

### Psyllium Husk Powder 95%

<b>Batch No.</b>	HY20100201	<b>Manufacturing Date</b>	2020-10-02
<b>Batch Quantity</b>	3000KG	<b>Expiration Date</b>	2022-10-01
<b>Botanical Source</b>	<i>Plantago ovata</i>	<b>Country of Origin</b>	India
<b>Appearance</b>	Light Brown to Pale Buff Powder	<b>Part Used</b>	Seed (100% Natural)

ITEMS	SPECIFICATION	RESULT	METHOD
Assay (Purity)	≥95%	95.25%	USP
Total Dietary Fiber	≥70%	75.20%	USP
Organic impurities	≤5%	Conform	USP
Identification	Pale buff or light brown colored free flowing powder. Material swells rapidly in water, forming a stiff mucilage.	Conform	USP

#### PHYSICAL CHARACTERISTICS

Particle Size	NLT 100% Through 60 mesh	100%	Analytical sieving    USP <786>
Moisture	NMT 12.0% w/w	6.50%	USP <731>
Total Ash	NMT 4% w/w	2.45%	USP <561>
Swell Volume	40-70g/100ml	55g/100ml	USP <616>

#### CHEMICAL CHARACTERISTICS

Residual Solvent	NMT 5000ppm	Conform	GC    USP <467>
Pesticide Residue	Meet the requirements	Conform	GC    USP <561>
Heavy Metals(as Pb)	NMT 20ppm	Conform	USP <231> Method II
Arsenic (As)	NMT 1ppm	Not Detected	USP <231> Method II
Lead (Pb)	NMT 1ppm	<0.05ppm	USP <231> Method II
Cadmium(Cd)	NMT 1ppm	Not Detected	USP <231> Method II
Mercury(Hg)	NMT 0.1ppm	Not Detected	USP <231> Method II

#### MICROBIOLOGICAL CHARACTERISTICS

Total Plate Count	NMT10,000cfu/g	5500cfu/g	USP<2021>
Total Yeast & Mold	NMT1000cfu/g	80cfu/g	USP<2021>
E.Coli	Not Detected in(g) 10	Not Detected	USP<2021>
Salmonella	Not Detected in(g) 25	Not Detected	USP<2021>
Staphylococcus	Not Detected in(g) 10	Not Detected	USP<2021>

#### 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: 10/08/2020

Approved by: *Jack Jia*

Date: 10/08/2020