

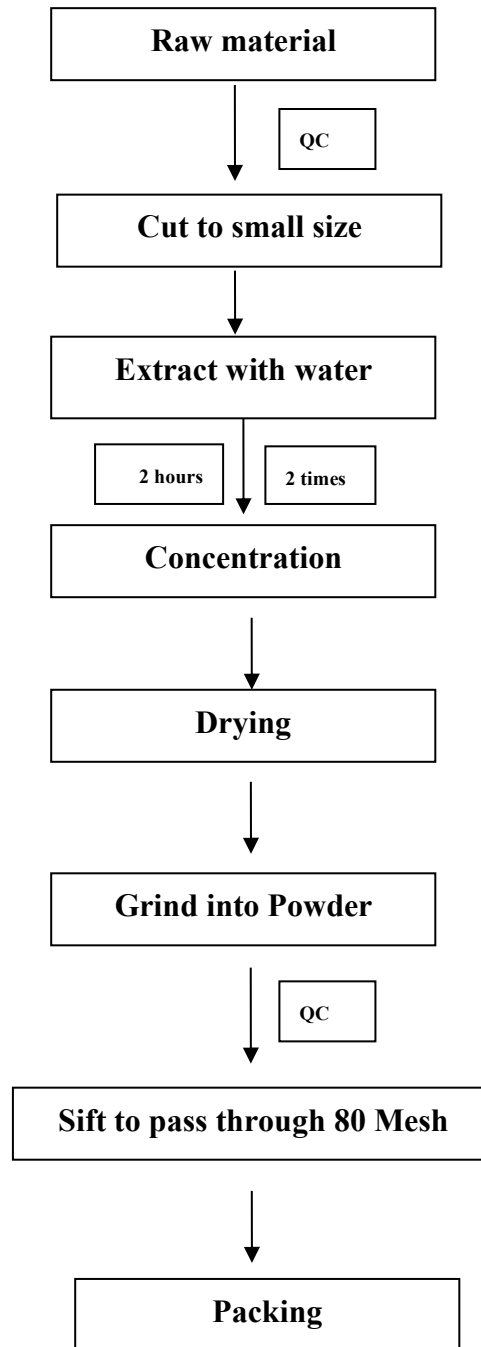


Certificate of Analysis

Product Name	Wild Yam Extract	Batch Number	4326903
Specification	4:1	Best Before End	June 2020
Plant Part Used	<i>Dioscorea opposita Thunb.</i>	Manufacture Date	Apr 22, 2018
Plant Part Used	Root (Dried, 100% Natural)	Country of Origin	P. R. China

Analysis Items	Specifications	Results	Test Methods
Organoleptic			
Appearance & Color	Fine brown powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Solubility	Partially soluble in water	Conforms	Visual
Physical Characteristics			
Mesh Size	NLT 90% through 80 mesh	Conforms	80 Mesh Screen
Moisture Content	NMT 8.0%	Conforms	GB.5009.3
Ash Content	NMT 10.0%	Conforms	GB.5009.4
Heavy metals			
Total Heavy Metals	NMT 20ppm	Conforms	CP2015
Arsenic (As)	NMT 2ppm	Conforms	GB.5009.11
Lead (Pb)	NMT 2ppm	Conforms	GB.5009.12
Microbiological Tests			
Total Plate Count	NMT 10,000cfu/g	Conforms	GB.4789.2
Total Yeast & Mold	NMT 1000cfu/g	Conforms	GB.4789.15
E. Coli	Negative	Conforms	GB.4789.3
Salmonella	Negative	Conforms	GB.4789.4
Staphylococcus	Negative	Conforms	GB.4789.10
Storage			
	Store in a well-closed container away from moisture.		
Shelf Life	2 years if sealed and store away from direct sun light.		

Manufacturing Process Sketch of Wild Yam Extract 4:1





STATEMENT

WE, MADAR CORPORATION LTD STATE THAT THE WILD
YAM EXTRACT 4:1 IS 100% NATURAL HERBAL
EXTRACT POWDER, IS GMO FREE AND SUITABLE FOR
VEGAN AND VEGETARIANS.



Material Safety Data Sheet

Company: Madar Corporation

Product Name: Wild Yam Extract 4:1

- 1.1 **Chemical Properties** :with typical properties of wild yam root
- 1.2 **Form** :Fine powder
- 1.3 **Color** : Fine brown powder
- 1.4 **Odor** :Characteristic

2. Physical Properties

PH Value	N/A
Melting point	N/A
Boiling Point	N/A
Igniting point	N/A
Flash Point	N/A
Explosion Point	N/A
Bulk Density	0.4-0.8g/ml
Solubility	Partially soluble in water

3. Transport information

Far from away humidity, sunshine, high-temp., and acidic, alkaline substance.

4. Stability and Reactivity

4.1. Condition to be avoided

Humidity, sunshine, high-temp.

4.2. Substances to be avoided

Acidic, alkaline substance

4.3. Hazardous decomposition

Acid, base.

5. Protection, handling and storage

5.1. Safety technical measure:

Far away from fire, humidity and other hazardous chemicals

5.2. Personal Equipment

Respiratory Protection: to use respirator when mesh the powder.

Eye Protection: to use special glasses when mesh the powder.

Hand protection: no need special protection measure, when contact hands, use water to wash.

Other Information: no more available

5.3. Industrial Hygiene

To avoid the powder contact eye and respiratory system.

5.4. Explosion and fire fighting measures

Use quantity water

5.5. Disposal condition

Disposal properly

6. Accidental release measures/Fire fighting measures

6.1. Accidental release measures

Washing up the attached area with water

6.2. Suitable extinguishing media

6.3. First aid measures

In case of eye and skin contacted: rinse out with water

6.4. Other information

No more information available.

7. Toxicological information

Wild Yam Extract 4:1 has high safety coefficient. It belongs to actual nontoxicity determined

By acute toxicity experiment.

8. Ecological Information

No ecological problems are to be expected when the product is handled and used with care and attention.

9. Other Information

No more information available.



Specification Sheet

Product Name	Wild Yam Extract	Plant Part Used	Root (Dried, 100% Natural)
Specification	4:1	Active Ingredient Markers	/
Latin Name	<i>Dioscorea opposita Thunb.</i>	Country of Origin	P. R. China

Analysis Items	Specifications	Test Methods
Organoleptic		
Appearance & Color	Fine brown powder	Visual
Odor & Taste	Characteristic	Organoleptic
Solubility	Partially soluble in water	Visual
Physical Characteristics		
Mesh Size	NLT 90% through 80 mesh	80 Mesh Screen
Moisture Content	NMT 8.0%	GB.5009.3
Ash Content	NMT 10.0%	GB.5009.4
Heavy metals		
Total Heavy Metals	NMT 20ppm	CP 2015
Arsenic (As)	NMT 2ppm	GB.5009.11
Lead (Pb)	NMT 2ppm	GB.5009.12
Microbiological Tests		
Total Plate Count	NMT 10,000cfu/g	GB.4789.2
Total Yeast & Mold	NMT 1000cfu/g	GB.4789.15
E. Coli	Negative	GB.4789.3
Salmonella	Negative	GB.4789.4
Staphylococcus	Negative	GB.4789.10
Packing and Storage	Packed in sealed aluminum foil bags lined with plastic seal or sealed double plastic bags. Store in a well-closed container away from moisture.	
Shelf Life	2 years if sealed and store away from direct sun light.	