

Certificate of Analysis

Product Name Hibiscus Extract Batch Number 4549007 Active

Latin Name Hibiscus mutabilis Linn. Ingredient Markers /

Plant Part Used Flower (Dried, 100% Natural) Country of Origin P. R. China

Analysis Items	Specifications	Results	Test Methods
Organoleptic			
Appearance & Color	Fine light brown powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Solubility	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		<u> </u>	
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.4789.38
Salmonella	Negative	Conforms	GB.4789.4
Staphylococcus	Negative	Conforms	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.		
Best before End	July 2027		



Allergen Statement

Product: Hibiscus Extract 4:1

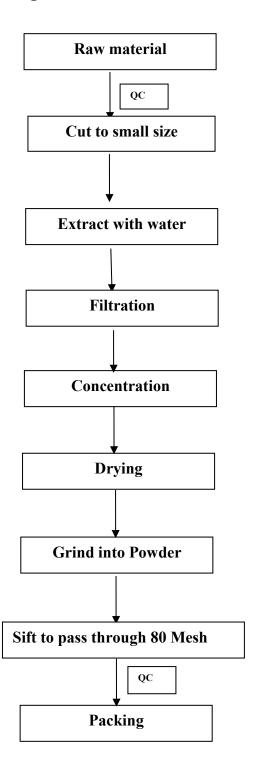
Reference:

Category of food allergen	Presence (Yes / No)	Comment
Celery (deleriac) and derivatives	No	
Egg's and derivatives	No	
Milk and derivates	No	
Peanut and derivates	No	
Soybean / Soya bean and derivatives	No	
Sulfites (concentration > 10 mg/kg)	No	
Wheat (gluten)	No	
Dairy(lactose) and derivatives	No	
Seafood and derivatives	No	
Sesame and derivatives	No	
Treenuts and derivatives	No	
Crustaceans and derivatives	No	
fish and derivatives	No	
Molluscs and derivatives	No	
Lupin and derivatives	No	
Mango and derivatives	No	
Mustard and derivatives	No	
Kiwi and derivatives	No	

12-06-2032

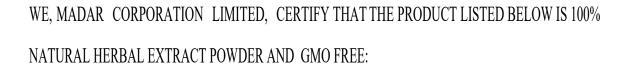
MYSTIC M@MENTS

Manufacturing Process Sketch of Hibiscus Extract 4:1





NON-GMO CERTIFICATE



HIBISCUS EXTRACT 4:1

12-06-2023



Material Safety Data Sheet

Company: Madar Corporation

Product Name: Hibiscus Extract 4:1

- 1.1 **Chemical Properties**: with typical properties of hibiscus flower
- 1.2 **Form**: Fine powder
- 1.3 **Color**: Fine brown to light brown yellow 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 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

Hibiscus 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	Hibiscus Flower Extract	Plant Part Used	Flower ((Dried, 100% Natural)
Specification	4:1	Active Ingredient Markers	/
Latin Name	Hibiscus mutabilis Linn.	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/T 5009.3
Ash Content	NMT 10.0%	GB/T 5009.4
Heavy metals		
Total Heavy Metals	NMT 20ppm	CP2015
Arsenic (As)	NMT 2ppm	Atomic Absorption
Lead (Pb)	NMT 2ppm	Atomic Absorption
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.	

MYSTIC M@MENTS

TECHNICAL DATA SHEET OF HIBISCUS FLOWER EXTRACT 4:1 (TDS)

Documentation required
Documentation required
Hibiscus Flower Extract Other names: /
Plant Part Used: Flower (Dried, 100% Natural)
Powder
/
Flavonoids, anthocyanins, etc
【Plant Part Used】 Flower (Dried, 100% Natural) 【The active ingredients】/ 【Physical Properties】 Boiling Point / Igniting point / Flash Point / Explosion Point / Bulk Density 0.3-0.8g/ml Solubility Partially soluble in water 【Organoleptic】 Properties: Typical properties of hibiscus flower Form: Fine Powder Color: Brown Odor: Characteristic
Company:Confidential

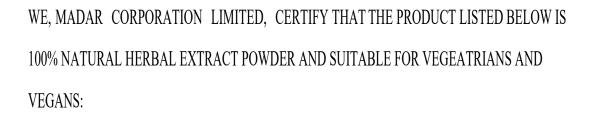
3.2. S.2.2 Manufacturing Process Sketch	See appendix 1
3.2.S.2.3 Description of critical steps and Intermediates	See appendix 2
3.2.S.2.4 Control of materials	See appendix 3
3.2.S.2.5 Process validation and/or Evaluation (where appropriate)	
3.2.S.3 Characterization 3.2.S.3.1 Description of active ingredients	Hibiscus Flower Extract has antibacterial and anti- inflammatory effects, containing various functional components such as flavonoid glycosides and anthocyanins. It can be used as a skin conditioner in daily chemical products.
3.2.S.3.2 Impurities	There are three kinds of impurities produced by Hibiscus Flower Extract 4:1 1) Solvent Residual Test Methods: Eur.Ph.<2.4.24> Specifications: The solvent used in the Hibiscus Flower Extract 4:1 is water and there are no solvent residues Conclusions: Conforms 2) Contamination by microorganisms Test Methods: GB4789 Specifications: 【Total Plate Count】NMT 10.000cfu/g 【Total Yeast & Mold】NMT 1000cfu/g 【Coliform】Negative 【E.Coli】Negative 【Salmonella】Negative 【Staphylococcus】Negative Conclusions: Conforms 3) Residues of pesticides from environment No data
3.2.S.4 Control of drug substance	See appendix 4
3.2.S.4.1 Specification	1

3.2.S.4.3 Batch analysis	See appendix 6
3.2.S.4.5 Justification of specification	Since the product is extracted from raw materials to spray drying, we take sensory, loss on drying and ash indicators as control standards. We guarantee the process quality through ultra-high temperature instantaneous sterilization (UHT sterilization), screening, mixing and other processes. In order to confirm the effect of these processes, we take mesh number, heavy metal and microbiological indicators as control standards. The reference basis for control standards is as follows: Physical and chemical standard for food hygiene inspection methods GB5009. Standard for microbiological examination of food hygiene GB4789.
3.2.S.5 Reference standards of packing material	Aluminum Foil Bag: GB/T 28118-2011 Polyethylene Bag: GB/T 4456-2008 Cardboard Drum For Packaging: GB/T 14187-2008
3.2.S.6 Grade of packing material	Certificate of analysis for the material used as Container: Food grade

3.2.S.7 Stability	
	Inspection batch: NIS21030089-HBC-01
	Investigation type: product long-term stability test investigation.
	Investigation conditions: normal temperature and humidity
	Post-approval Stability Protocol and Stability: 1 Analysis method:
	Appearance & Color Visual
	【Odor & Taste】Organoleptic
	[Solubility] Visual
	[Moisture Content] GB.5009.3
	【Ash Content】GB.5009.4
	【Total Heavy Metals】GB.5009.74
	[Arsenic (As)] GB.5009.11
2 2 6 7 1 SA-Lilia	【Lead (Pb) 】GB.5009.12
3.2.S.7.1 Stability summary and conclusion	【Total Plate Count】GB.4789.2
Concression	【Total Yeast & Mold】GB.4789.15
	【Coliform】GB.4789.3
	【E.Coli】GB.4789.38
	【Salmonella 】GB.4789.4
	【Staphylococcus】GB.4789.10
	2 Validation of all test procedures including limits of detection (including initial results) YES
	3 Conclusions
	After long-term stability investigation, under the
	storage conditions of normal temperature and
	humidity, the shelf life of Hibiscus Flower Extract is
	24 months, which is completely stable.
	4 Post-approval Stability Protocol and Stability Two years if sealed and store away from direct sun light.
3.2.S.7.2 Stability investigation data	See appendix 7



VEGAN CERTIFICATE



HIBISCUS EXTRACT 4:1

12-06-2023