

# Licorice





#### We are **Mika Green**.

an Export Management and Manufacturer Company since 2015 and a dynamic group specialized in the export of various products based on plants and nature.

We believe that Asia is one of the best and most desirable climates for growing a wide range of plants due to its special geographical location. This plant diversity has been associated with the production of a wider range of plants and organic products with amazing properties and effects.

Our business headings are defined based on cooperation and partnership with a range of reputable suppliers with international licenses and certifications.





# Licorice

A very valuable plant that with its amazing nature and sweet and special taste is applied in various industries and is considered one of nature's masterpieces. With the processing of Licorice, different goods are obtained that are used as raw materials in various industries.

In addition, the use of these products as a herbal remedy can be surprisingly effective and beneficial.

Join us with a variety of Licorice products that we generously offer you.



### Licorice root

which is considered one of the world's oldest herbal remedies, comes from the root of the licorice plant and is native to Western Asia and Southern Europe.

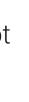
Licorice has an underground part with several rhizomes that root branch from it and to a depth of soil It has long been used to heal various illnesses and flavor candies, drinks, and medicines and types of sweet-based products.



Licorice root contains the chemical compounds glycyrrhizin, glycyrrhizic acid, flavonoid glycosides and isoflavonoids, coumarin derivatives, asparagine, starch, stigmasterol, etc.

#### Storage conditions and shelf life:

This product should be stored in a cool, dry place away from moisture and in a roofed space. This product has a shelf life of up to six years or more.



## **Applications** of licorice:

#### 1. Pharma

Production of various pharmaceutical products For the treatment of various diseases of the body, including the gastrointestinal tract, women, nerves, heart, liver, skin, mouth and teeth, viral and bacterial infections, bronchitis, strengthening the vocal cords, memory, boosting the immune system and even cancer, etc.

It is also used as a flavoring drug, reducing the side effects of some medicines and increasing the pharmacological effects of drugs. This plant has a warm and dry nature and in traditional medicine, it is used for improvement and health.

#### 2. Sanitary

From anti-blemish and skin lightening masks to hand, face and body creams, lotions and hair products and even perfumes to mouthwashes and toothpaste as antibacterial and to prevent tooth decay and clean the mouth



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#### 3. Food

Natural and healthy sugar of this plant, which is fifty times higher than sugar (Sucrose) is used as a sweetener and flavoring in a variety of food products, snacks and beverages.

The unique and proven properties of licorice in health as well as its powerful antioxidants add to the quality of products and increase its nutritional value.



#### 4. Other industries

Another use of this substance in tobacco is as a flavoring agent that gives a natural sweetness to the finished production.

Also, due to the presence of saponins in these products in creating a stable and durable foam, this product is a foaming agent in detergents like shampoo, toilet liquid, dishwashing liquid, laundry, soap and ...

Also drilling foam (used in drilling operations for oil and gas wells) fire foam (used for firefighting) concrete foam (for flooring and sloping buildings, filling cavities, water wells and Sewage, arches of tunnels, mines and abandoned wells are also used to build light blocks, etc.).

This product is used in the textile industry for dyeing, as well as in ink making, leather tanning, etc.

Licorice granules are used in the manufacture of shoe wax, upholstery and curtains.





## **Licorice Granules**

Licorice granules are dried and crushed extracts of licorice root.

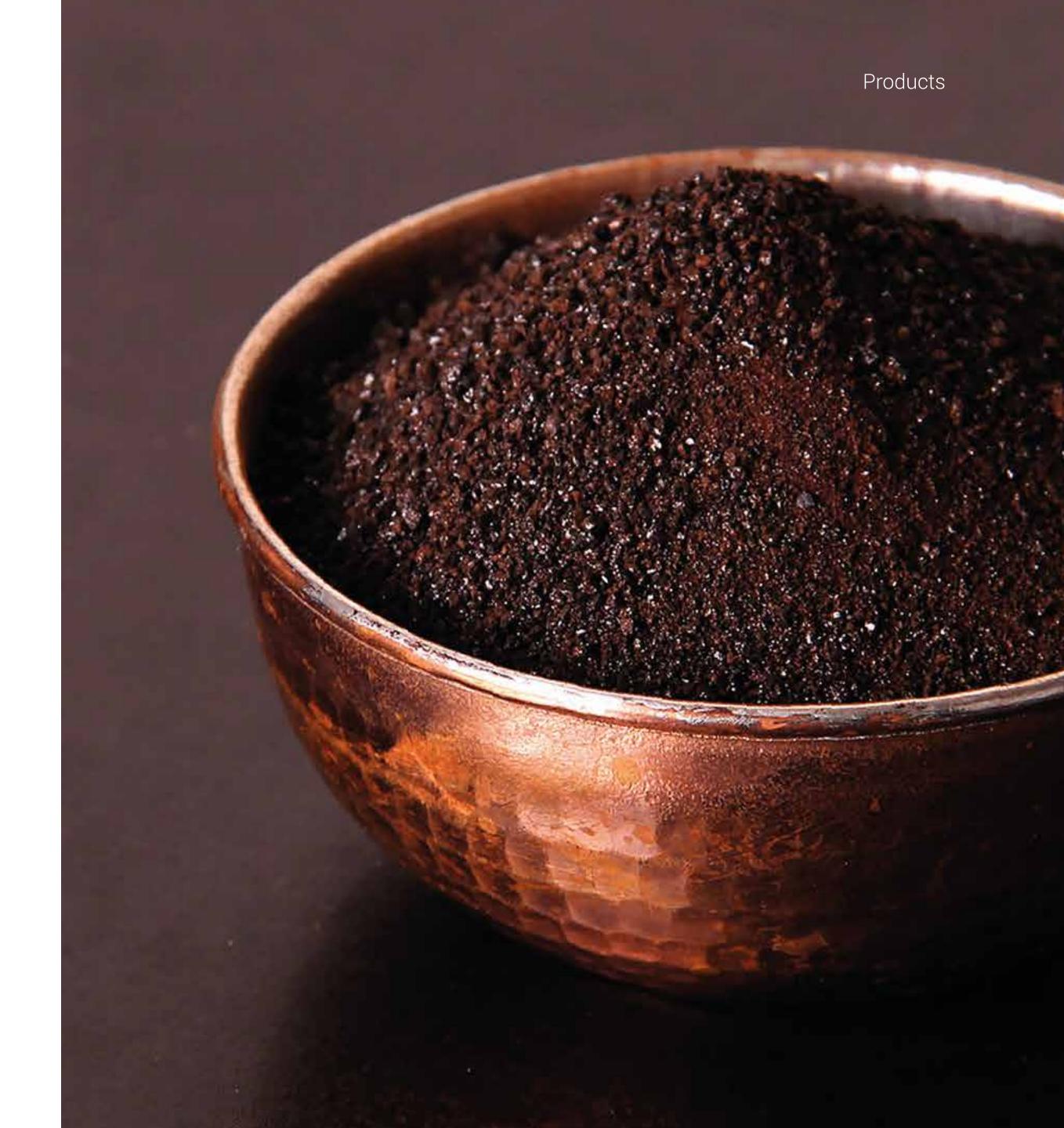
#### Amount and method of consumption:

Due to the variety of applications of this product and its use in various materials, the amount and method of consumption are different.

#### Packaging, storage conditions and shelf life:

The packaging can be different according to the specific needs of our kind customers.

This product should be stored in the original package away from direct sunlight and in a cool dry place. This product has a shelf life of up to 3 years.





## **Licorice Solid Extract**

Licorice liquid extract with a concentration of approximately %50 is introduced into all-steel and double-walled finisher devices and during a process of several hours by water vapor heating and circulating circulation, the water in it is strongly evaporated and to solid licorice extract which has some moisture is converted.

#### Amount and method of consumption:

Due to the variety of applications of this product and its use in various materials, the amount and method of consumption are different.

#### Packaging and storage conditions:

5 kg mold of solid extract is packed in a plastic bag and 3 or 6 kg molds are placed in a carton. The packaging can be different according to the specific needs of our kind customers. This product should be stored in the original package away from direct sunlight and in a cool dry place. This product has a shelf life of up to 3 years.

## **Licorice Extract Powder**

Licorice liquid extract with a certain concentration enters the all-steel spray dryer as an atomizer feed. The unique design of the spray dryer and its atomizer, as well as the high and suitable speed of the atomizer disc, have caused the produced licorice extract powder to be at a high level of world quality in terms of color, granulation, moisture content and other characteristics. Due to the variety of applications, the amount and method of consumption are different.

#### Packaging and storage conditions:

This product is packed in 25 kg bags of four layers of composite with laminated and paper layers and internal nylon, which of course can be changed according to the needs of our kind customers.

This product should be stored in the original package away from direct sunlight and in a cool dry place. This product has a shelf life of up to 3 years.





Products Products **Licorice Liquid Extract** For extraction process, the crushed licorice roots are transferred to all-steel extractors and boiled in a specific procedure by steam. Then the extract is transferred to all-steel tanks, in which the impurities are completely separated from the extract. The extract without impurities is passed through special filters again for more safety, then diluted extract is added for concentration to the Falling Film Vacuum Evaporator and thin Film Evaporator all-steel device.Licorice liquid extract is produced in concentrations of 40 to %70. Packaging and storage conditions: The packaging can be different according to the specific This product should be stored in the original package away from direct sunlight and in a cool dry place. This product has a shelf life of up to 6 months.

needs of our kind customers.

## Licorice Distillate

Distillation of licorice is obtained from the distillation of licorice root, which is extremely useful in traditional medicine.

Licorice Distillation water is used to relieve stomach pain, prevent stomach ulcer, improve respiratory and lung diseases, reduce digestive problems, fever and etc. Due to the variety of applications of this product and its use in various materials, the amount and method of consumption are different.

#### Packaging and storage conditions:

The packaging can be different according to the specific needs of our kind customers.

This product should be stored in the original package away from direct sunlight and in a cool dry place. This product has a shelf life of up to 1 year.





### **Licorice Oil**

Licorice oil is obtained by infusing licorice root in a carrier oil and naturally has various specific applications in the field of cosmetics, beauty, treatment and nutrition.

#### Packaging and storage conditions:

The packaging can be different according to the specific needs of our kind customers. This product should be stored in the original package away from direct sunlight and in a cool dry place. This product has a shelf life of up to 2 year.

## Licorice Pulp

After extracting the licorice liquid extract from the root in an all-steel extraction machine (extractor), the remaining substance is called licorice pulp.

Licorice pulp is also used to make vermicompost and compost fertilizer as a supplement to other fertilizers. One of the advantages of using licorice pulp in fertilizers is its function as a retainer of water and moisture and therefore it is extremely useful for greenhouses and areas with low water and salinity.Licorice pulp is also applied as animal feed due to its high nutritional value.

This valuable product is used to make compact boards and chipboard as well as coal.

#### Packaging and storage conditions:

The packaging can be different according to the specific needs of our kind customers.



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## Certificates









International Certificates















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