



Product : Persian Turpentine

Version : No 5. (13/05/2024)

Origin : IRAN

Phaidyme Herbs Company

SAY NO TO MEDIOCRITY and YES TO EXCELLENCE





Saqez

All the names you see below are called Saqez, even if they have a different type, variety, or state (liquid or dried). Therefore, anywhere in this catalog, if you see the word Saqez, it means the names you see below.

Row	Saqez
1	Persian Turpentine
2	Mastic Gum
3	Natural Persian Turpentine Chewing Gum
4	علك ماء ايراني
5	علك ماء ايراني خام طبيعي

In terms of condition, we have two types of resin of *P. atlantica* (Mount Atlas Mastic resin-*Pistacia atlantica*) in Iran:

- Dried
- Liquid

Now you may be wondering if Persian Turpentine and the resin of *P. atlantica* are the same!?

The liquid state of the resin of *Pistacia Atlantica* is called Persian Turpentine (Mount Atlas Mastic Liquid).

During the extraction process, some impurities enter the resin of *P. atlantica*, and after their separation, Persian Turpentine is obtained.

TYPES OF IRANIAN SAQEZ FOR EXPORT

The Saqez that Phaidyme Company exports are:

Products Name	Abbreviation	Products appearance
Persian Turpentine	PT	Liquid
Mastic Gum	MG	Solid
Natural Persian Turpentine Chewing Gum	NPTCG	Paste-like

Iran is one of the world's largest producers and exporters of Persian Turpentine and Natural Persian Turpentine Chewing Gum.

PERSIAN TURPENTINE



Before getting to know Persian Turpentine, you should get to know the resin of *P. atlantica*.

By refining the resin of *P. atlantica* from impurities, Persian Turpentine can be obtained, which is honey-like, thick, and very sticky.

The resin of *P. atlantica* is cleaned of natural impurities (including small pieces of wood, dry leaves of trees, and pebbles) after extraction in a very clean place by the trained forces of Phaidyme Company, and then the Saqez is packaged for export in a standard way.

In the international markets, the following names are used for wholesale buying and selling of Saqez without considering the difference between Persian Turpentine and resin of *P. atlantica*:

Row	Business Names
1	Mount Atlas Mastic Liquid
2	Mt Atlas Mastic Liquid
3	Resin of Pistacia Atlantica
4	Resin of <i>P. atlantica</i>

MASTIC GUM



Characteristics of Mastic Gum obtained from Pistacia atlantica subsp. Mutica (PAM) is as follows:

- It has small or large folds
- Its weight is a few grams at most
- It has an appearance with an irregular structure
- It has a semi-hard doughy state

After harvesting Mastic Gums, we clean the impurities in them in the first step. In addition, we separate those Mastic Gums that have black spots on them.

After removing the impurities, the Mastic Gums are graded based on size.

- Large size
- Small size

After these steps are finished, graded Saqez is placed in standard packages and getting ready for export.



NATURAL PERSIAN TURPENTINE CHEWING GUM



Phaidyme's production team has been trained by Phaidyme's experts to cook Persian Turpentine in water at standard temperature and conditions in the first step and then refine it to obtain Natural Persian Turpentine Chewing Gum (NPTCG).

During this process that goes through to process Persian Turpentine, two important parameters should be considered:

- Boiling time
- Water Percentage

THE QUALITY OF ALL TYPES OF NATURAL PERSIAN TURPENTINE CHEWING GUMS (NPTCG)

Two types of NPTCG's are produced and exported by Phaidyme Company:

GRADE A (PROPER FOR EXPORT)

In each kilogram of Natural Persian Turpentine Chewing Gum (NPTCG) of grade A, the result of the amount of Persian Turpentine used is the ratio (/) to the amount of water, much more than the result of the same ratio in Natural Persian Turpentine Chewing Gum (NPTCG) of grade B.



GRADE B

In the production of each kilogram of this type of Natural Persian Turpentine Chewing Gum (NPTCG), compared to grade (A), the result of the amount of Persian Turpentine used is less than the amount of water.

Note: We use Persian Turpentine to produce this Natural Persian Turpentine Chewing Gum (NPTCG), which is of very high quality.

Note: When producing Natural Persian Turpentine Chewing Gum (NPTCG), one of the things that must be paid attention to is the control of the amount of water used, because the amount of water may be more than the amount of Persian Turpentine, and because of this, the quality of the Natural Persian Turpentine Chewing Gum (NPTCG) will be very low.

DIFFERENT TYPES OF NATURAL PERSIAN TURPENTINE CHEWING GUM (NPTCG) IN TERMS OF APPEARANCE

According to the request of its international customers, Phaidyme Company can export Natural Persian Turpentine Chewing Gum (NPTCG) in two ways:

- 1 kg Pieces
- Small pieces that are sliced (20 gr)

The question that arises is what is the difference between these two?

Both types of Natural Persian Turpentine Chewing Gum (NPTCG) can be used for feed.



One kilogram of Natural Persian Turpentine Chewing



One-kilogram Natural Persian Turpentine Chewing Gum (NPTCG) is mostly used for oil extraction.

There is more water in one kilogram of Natural Persian Turpentine Chewing Gum (NPTCG) compared to the sliced type. Therefore, for its transportation to other countries and also for its storage, certain standards must be observed so that the Saez does not spoil.

SLICED NATURAL PERSIAN TURPENTINE CHEWING GUM

The weight of Sliced NPTCG (20 gr) is a few grams, their packaging is made of plastic, and the buyer can supply them in the market of their choice in the shortest time and at a low cost.

Sliced NPTCG loses a lot of its water during the cutting process, in addition, it has a package, which is why Phaidyme Company experts suggest buyers whose customers are supposed to consume Saez orally and daily, to buy this type of Saez.

Sliced Natural Persian Turpentine Chewing Gum spoils more slowly because it contains less water, so it is easier to store and transport them.

Note: The water in each of the Natural Persian Turpentine Chewing Gum is from Persian Turpentine natural water as well as water that is created during the processing operation.



DIFFERENT COLORS OF SAQEZ TO EXPORT

Color of Persian Turpentine: Blue or light green

Note: During the time that Persian Turpentine is stored in the warehouse, its color turns slightly to yellowish-green.

Color of Mastic Gum:

- Pale orange
- Light yellow
- Clear whitish

Natural Persian Turpentine Chewing Gum (NPTCG) color: White

PRICE OF SAQEZ PER KILOGRAM

The price of each of the Saqez exported by Phaidyme Company depends on the following factors:

Persian Turpentine:

- Free from impurities that are added to adulterate and change the appearance of Persian Turpentine.
- Appearance characteristics such as color, taste, smell, and taste
- Pistacia atlantica variety from which Persian Turpentine is extracted

Mastic Gum:

- Bigness or smallness
- Degree of dryness
- Not having Mastic Gum with dark colors
- Not having black spots on Mastic Gums



Natural Persian Turpentine Chewing Gum:

- The amount of Persian Turpentine used in the processing stages and its quality
- Not using chemical impurities used in processing steps to change the color of Natural Persian Turpentine Chewing Gum (NPTCG) from yellow to white.

CHEMICAL COMPOSITION OF PERSIAN TURPENTINE

No.	Chemical compound
1	α -pinene
2	β -pinene
3	limonene
4	Masticdienonic acid
5	Masticdienolic acid
6	Morolic acid
7	Oleanolic acid
8	Ursonic acid
9	3-O-acetyl-3-epiisomasticdienolic acid
10	β -myrcene



DIFFERENT PISTACIA SPECIES IN THE WORLD

Botanical Names	Common Names	Geographical Distribution
<i>P. aethiopica</i>	-	Ethiopia, Kenya, Somalia, Tanzania, Uganda and Yemen
<i>P. afghanistania</i>	-	China, Pakistan, Afghanistan, India, Nepal, and Indochina and United states
<i>P. atlantica</i>	Mt. Atlas mastic tree, Persian turpentine tree	North Africa, Iran, Algeria, northern Africa
<i>P. chinensis</i>	Chinese pistache	China and Taiwan
<i>P. cucphuongensis</i>	-	Town of Cuc Phuong, Ninh Binh, Vietnam
<i>P. integerrima</i>	Karkatashringi	Pakistan, India
<i>P. khinjuk</i>	-	Turkey, N. Iraq, N. Syria, Egypt, Afghanistan and Pakistan
<i>P. lentiscus</i>	Mastic tree	Europe, Morocco, Iberian peninsula, southern France, Turkey, Iraq, Iran
<i>P. malayana</i>	-	Malaysia
<i>P. mexicana</i>	-	Guatemala, Mexico, and adjacent Texas
<i>P. palaestina</i>	-	Levant region
<i>P. terebinthus</i>	-	Canary Islands, Morocco, Portugal, Greece, western Turkey
<i>P. weinmannifolia</i>	-	Native Iran, Western Mediterranean countries



PRICE INQUIRY AND PURCHASE

To inquire about the price of Saez, please send us a Letter of Intent (LOI) on your company letterhead. Make sure to include the requested information below accurately in your LOI.

The commercial department of Phaidyme will review your Letter of Intent (LOI), and they will respond to your email in less than **24 hours**.

Commercial Department Email: info@phaidyme.com

INQUIRY FOR PERSIAN TURPENTINE

The required information for price inquiry:

- The exact amount required (Kg)
- The best price for you (per kg) according to the quality of the Persian Turpentine you need
- Location and Incoterms of cargo delivery (sales term)
- Your desired packaging (type and weight)
- The documents required for customs clearance in the destination country

We have fully introduced the Persian Turpentine product of Phaidyme Company; Click the button below to read:

Persian Turpentine - علك ماء



INQUIRY FOR NATURAL PERSIAN TURPENTINE CHEWING

The required information for price inquiry:

- Type of NPTCG (One-kilogram, Sliced (20 gr))
- The best price for you according to the type of the NPTCG you need
- The exact amount required (Kg)
- Location and Incoterms of cargo delivery (sales term)
- Your desired packaging (type and weight)
- The documents required for customs clearance in the destination country
- Image or video of the NPTCG (to avoid any mistakes)

We have fully introduced the NPTCG product of Phaidyme Company; Click the button below to read:

Natural Persian Turpentine Chewing Gum - Click