

## THE IMPORTANCE OF HONEY BELIEVERS IN HUMAN LIFE

M. M. Akbarova\*; M. M. Maxmudova\*\*; G.V. Mamazokirova\*\*\*;  
A. H. Odiljonov\*\*\*\*

\*Teacher,  
Andijan State University,  
UZBEKISTAN

\*\*Teacher,  
Andijan State University,  
UZBEKISTAN

\*\*\*Student,  
Andijan State University,  
UZBEKISTAN

\*\*\*\*Student  
Andijan State University,  
UZBEKISTAN

Email id: nargizaatakulova123@gmail.com

**DOI: 10.5958/2278-4853.2022.00057.X**

---

### ABSTRACT

*This article provides information on the study of the chemical composition and biologically active substances of beeswax, which diseases can be prevented and used in the treatment of bee wax.*

**KEYWORDS:** *Bees, Medicine, Cosmetology, Wax, Honey Molds, Medicinal Products.*

---

### INTRODUCTION

With the help of honey wax, celebrities such as Avicenna and Hippocrates were cured. So far, in folk medicine, treatment with honey wax is widely used. Honey wax has also been used in the medical industry. According to him, creams and ointments are produced. This product has the following healing properties:

- \* Contains substances that have antibacterial effect;
- \* Releases various toxins and helps with poisoning;
- \* Has a long shelf life;
- \* Contains vitamins that do not break down after reheating.

The wonderful properties of bees have been known to mankind since ancient times, and today this bee product is widely used in medicine, cosmetology, home. Depending on the rich content of nutrients, it helps in the treatment of various diseases, has a rejuvenating effect. Traditional medicine provides many candle recipes that have been tested by dozens of generations of our

ancestors. It is a biologically active substance with a number of unique properties. The density of honey molds is 0.95-0.96 g / cm<sup>3</sup>, so it is insoluble in water, but only floats there. The melting point of honey wax varies from 62 to 68 ° C, but it melts easily from the heat of the human hand. This product is able to retain its beneficial properties for centuries. [1]

1. Bees travel long distances, collect nectar from flowers and plants and carefully bring it into these hives and turn it into honey. Honeycombs are also good for human health. What we call beehives is called bee wax in medicine. This boon is prone to red, yellow, and attracts attention with its soft oiliness and fragrance as well. In addition, its fresh smell of honey.

2. These are the curtains over the rooms that reach the honeycomb, and there is no honey in them. This is average in good and evil.

3. This species is known as taslit, and black bees spray it on the walls of the hives as a means of protecting the hive from disasters, in medical parlance, as a protection against infections. It is less effective for treatment than other waxes. The client of beeswax is moderately hot and moderate in humidity. Its strength is inevitable for up to a year. Healing properties: Its common feature is the analysis of thick substances and tumors in the body. It cooks unwanted substances and prepares them for driving out of the body, as well as softens the nerves. It also has reforming and preservative properties in ointments. When 2 grams of it is cut like a grain of wheat and soaked in sesame oil, it cures internal wounds, including stomach and lung wounds, inflammation of the intestines, and old intestines. It also repels toxins in the body. Intra-chest pain, cough and tuberculosis are treated. Analyzes condensed milk in various parts of the body and provides healing. Eliminates sore throat and sore throat and clears the voice. If the bees make a cake out of the wax itself and place it on the women's breasts, it prevents the milk from solidifying at the tip of the breasts, and if it sticks to the frozen tumors, it analyzes and softens them. Bees wax is first bleached and then consumed for healing. The method of bleaching wax is as follows; Put the wax in a bowl and pour boiling water over it. The wax is boiled continuously until it turns white. For centuries, beeswax used in medicine has used this practice of bleaching.

It has a pleasant honey smell and a distinctive taste of propolis or honey. It likes nicely, but doesn't give off smoke, so it's used to make candles. It has a rich content (more than 300 substances) and is used to prepare medicines used in food, automotive, glass, aviation and other industries. The shelf life of this bee product is almost unlimited. [2]

The chemical composition includes the following components: ethanol, polymeric organic fatty acids, their esters, for example, palmitic acid myricyl ether. In addition, honey wax contains up to 75% of complex fats, up to 15% of free fatty acids, keto and hydroxide acids, minerals, kerosene hydrocarbons, resins, vitamin A, aromatic ingredients, plant pigments, triterpenes, cholesterol and many other components.

Natural honey wax is a dense substance with crystalline structure (without melts and in a homogeneous state). It is hard at room temperature, but when the temperature rises, it becomes plastic and is easily washed by hand. [3]

The quality of materials for making honeycombs depends on the melting point (the higher this index, the better). Ordinary wax is valued more and is commonly used in traditional medicine.

Honey wax can be stored for a long time in a cool, dry room and fully retain its properties. In a glass jar with a lid, its aroma and color do not change for a long time.

Natural honey wax is slightly soluble in glycerin, water and ethanol. In the heater it dissolves well in essential oils, gasoline, carbon disulfide, centine, etc.

When working with metal, the color and quality of the wax may change. The use of metal objects for melting is not recommended.

Fresh honey wax has a bright color (cream or almost white). It is rated the highest. It then turns yellow under the influence of propolis substances.

Honey wax, which has been in service for more than a year, gradually weaves off and turns orange, brown and even black.

Honey wax is a valuable medicinal product with antiseptic, anti-inflammatory, emollient effect, it is well analgesic, disinfectant, has no side effects, except for individual side effects on bee products. Many centuries ago, people knew about the benefits of bees, they used it to strengthen teeth, and today it is part of many medicines for periodontal disease. In addition, it can be used to get rid of tartar.

Chewing white or yellow food wax is especially beneficial for people suffering from colds. It can be safely given to children if they are not allergic to the components. Moss has good antiseptic, bactericidal properties and is therefore included in many medicines in the throat. In addition to its anti-inflammatory function, it has wound-healing properties, which makes it used by traditional healers for wounds and burns. The product clearly showed its thermal properties, so it forms the basis of ointments for supplements. [4]

Therapeutic applications for the treatment of various diseases are especially widely used, for example, in the form of applications or ointments. Special greases and suctions are made to strengthen the teeth for internal consumption.

Depending on its antiseptic and healing properties, the substance helps with diseases such as chills, sinusitis, asthma, cough. Take a small portion of it and chew it for 30 minutes six times a day. Chewing wax is useful in diseases of the digestive system. Produces a lot of fluid, which improves the motor and secretory functions of the stomach. Chew a small ball 4 times a day for five minutes.

Rich in many biologically active substances, wax is not harmful and is therefore used more and more every year. It tightens the skin, eliminates dryness, irritation, especially with the addition of a few drops of glycerin. Vitamin A rejuvenates, provides skin renewal. In industrial cosmetology, wax is used in the manufacture of lip balms, beauty creams, creams to nourish wrinkles or skin.

The main areas of use are the production of ointments, medicated creams, plasters. The healing properties of honey can make them effective against fistulas, trophic ulcers and other skin diseases. Wax-based compress is used in the treatment of rheumatism, sciatica, joints. There is a mass of recipes that are “involved” in waxing to eliminate blemishes. In a short time, its healing properties help to completely cleanse the face.

Honey wax is secreted by bee glands, which are used to build bee glands, and seal the cells with honey. It is made up of more than three hundred compounds, two-thirds of which are esters.

It also contains ethanol and acids, other compounds. The composition of the complex is directly related to the diet of bees. Soluble in water. But fat can melt it. The color also depends on what powder is used to make the honey.

Because honey wax is rich in sorbents, a limited amount of food is beneficial. It stimulates the glands and contraction of the intestinal wall to move food (peristalsis). Its benefits have a positive effect on the intestinal microflora, which helps protect against gastric diseases. Due to its unique composition, it has antibacterial properties.

There are almost no side effects, except in rare cases of allergies. This is due to the presence of honey in its composition. Before using a mask or cream sewn into the skin, you can make sure that it does not allow the body to function normally. To do this, dissolved in a water bath, a candle is applied to the back of the hand.

During the development of the pharmaceutical business, many do not understand why they need honey wax. Today, wax is used in medicine, cosmetology and for technical purposes.

- The raw material for making honey molds is easily absorbed into the skin, so it is part of the cream, ointment. The means used to make honey molds are actively used to treat burns, wounds due to its antiseptic properties.
- Honey helps to get rid of cigarettes! It improves the oral cavity and strengthens the teeth.
- Honey wax from bees is a good tool because it protects the parenchyma, stomatitis and upper respiratory tract diseases and contains antibiotics.
- Honey wax is a competitive analogue of toothpaste. I have tried several times: wonderful massages remove food toxins from meat and teeth.
- Finally, honey wax is a material rich in sorbent.

The appearance of bees used in folk medicine is also justified for allergic diseases.

Natural beeswax melts at 65 °. When heated to 100 ° C, the melted wax is rippled but does not boil. This is the outlet state of the water in the wax. The lower the moisture content of the wax, the better the quality.

Raw wax contains: wax, bee cocoons, pollen, honeycombs, bee larvae - merevan. Vitopka produces more wax than mereva. When raw wax, Vitopka and fruits are stored for a long time, a large part of the pure wax in them is lost. This product is mainly damaged by wax soot. Therefore, it is possible to dissolve the raw wax faster and transfer the waste to the biolab.

## CONCLUSION

Our goal is to study the chemical composition of beeswax and the biologically active substances in it. Recommendations were given on which diseases bee wax can prevent and which diseases can be used in treatment. It is now time to develop recommendations to increase the more beneficial properties of its wax.

## REFERENCES

1. Turaev OS. Migration characteristics of bees. 2020
2. Kakhramanov B, Safarova FE, Isomukhammedov SI, Donaev XA, Ergashev XB. Basics of beekeeping. 2020
3. To'raev OS. Breeding in beekeeping.
4. Minzafarov MK, Muzafarova NN. For beginner beekeepers.