

PP36. DETERMINATION OF CARBOHYDRATE CONTENT IN BLACK RAISIN GRAPES

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In this thesis, the amount of carbohydrates in grape molasses is determined and information about the healing properties of grapes is presented.

The medicinal properties of grapes have been known for a long time. Ripe and raw grapes were used as a medicinal plant in Eastern medicine. They also used grape juice, vinegar, and leaf stalks. Abu Rayhan Biruni said that the water that flows when cutting the stem of a grape has many healing properties. Essential oil is also extracted from its stem. The famous physician Abu Ali ibn Sina writes about the properties of grapes: "Grapes that have been stored for a while will nourish and strengthen the body." A well-ripened grape is less harmful than an unripe one. Grapes themselves are more useful than their juice. Grapes and raisins are good for intestinal pain. Raisins are also good for kidneys and bladder. Grape stem water, wild grape fruit juice eliminates blood spitting. It is also useful for diarrhea and colon diseases. The water of the grape stem crushes stones, cures gout, cysts, and temiratkini.

The chemical composition of grape juice increases strength due to the presence of useful substances such as fructose, glucose, sucrose, raffinose, xylose. Those who have stones or sand in their kidneys will get rid of it if they constantly eat grapes and drink their juice. It is useful to drink grape juice against colds and asthma in the respiratory tract, it takes colds.

Grape molasses has a dark reddish color, and the presence of carbohydrates in the chemical composition of grape molasses was determined by high-performance liquid chromatography. Fructose 3.25 mg, glucose 4.61 mg, sucrose 0.11 mg are found in grape molasses. was found to exist. [1-3].

Molasses is rich in carbohydrates, it is a medicinal product that gives energy, increases appetite, increases blood volume, and is used in anemia. Grape molasses contains 3.25 mg of fructose, 4.61 mg of glucose, and 0.11 mg of sucrose. was found to exist.

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