



## Optimization of technology of glycoside extraction from dried stevia leaves

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Chemical composition of domestic stevia and process of water extraction of sweet components contained in leafs of a plant were studied. Obtained Stevia Rebaudiana Bertoni parameters makes it possible to select in rational way the technological mode of dried stevia extraction with given output of glycosides, as taking into consideration the specific technological and economic features of the given enterprise. Using regression equation, it is possible to calculate the glycoside output as a function of given technological parameters: temperature, hydromodulus and duration, with fixed degree of leaves grinding and without adding of  $\text{CaCO}_3$ , and to find values of these parameters to make the glycoside output equal to  $A \pm 90\%$ .