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The invention relates to a process for active coal obtaining and may be used for obtaining of adsorbents, used for sewage, gas purification, and liquid decoloration and in medicine, for detoxication of the human organism.

Summary of the invention consists in the comminution of the fruit stones and nuts shells, grapestones, then the fraction of 2...4 mm is separated and impregnated with orthophosphoric acid in the ratio 1,0:(1,3...1,5) and mixed during 45...50 hours, afterwards it is activated at the temperature of 300...500°C during 2...4 hours, it is neutralized with a potassium and/or ammonium hydroxide solution. The active coal is separated, for example, by centrifugation or vacuum filtration, it is washed with demineralized water and dried at the temperature of 105...110°C, and the obtained solutions containing phosphates are collected together for example, in the capacity of mineral fertilizers.

In the capacity of grapestones may be used seeds from which there was extracted the oil and/or the enotinin.

The result of the invention consists in that it is decreased the activation time, the quantity of consumed orthophosphoric acid, and the liquid fraction is used for different purposes, as well as in the capacity of mineral fertilizers, thus it is excluded the possibility of environmental pollution.

Claims: 3