The invention relates to processes for activated coal obtaining from vegetable raw material containing carbon and may be used in technologies for purification of surface waters, for liquid purification in the food industry, as well as in medicine with the purpose of disintoxication.

Summary of the process consists in grinding of the vegetable row material and separation of the stones, charcoal burning at a temperature of 400…600°C within 2…4 hours with the subsequent activation with water vapors during 2…4 hours. The obtained product is comminuted, sifted and divided into three fractions: smaller than 0,3 mm, from 0,3 to 0,5 mm and from 1,5 to 3,0 mm; the fraction of 0,3…1,5 mm is treated during boiling with a 5…6% solution of mineral acid within 25…35 min, it is washed with demineralized water, it is dried at a temperature of 105…110°C up to a constant mass and the finished product is packed.