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The invention refers to the wine-making industry, namely, to process for obtaining a carbon-mineral sorbent and to a process for demetallization of untreated wine by the adsorbents.

Summary of the invention consists in obtaining the carbon-mineral sorbent on the kieselguhr base used for wine and juice treatment by means of heat processing, carbonization of organic materials adsorbed on the kieselguhr and carbonizer activation. Heat processing is carried out at 160°C during 2 hours, thereafter carbonization and activation of the carbonizer at 420...500°C during 1...2 hours with the carbon dioxide, cooling, crushing and treatment with 10...20% sulphuric or orthophosphoric acid solution. Demetallization of the untreated wine at using the obtained sorbent is realized by the continuous method and includes filtration thereof 2...3 times through that sorbent layer having thickness of 20...25 cm at the flow linear velocity of 1,5...2,5 m/hour, or by the periodical method at using the sorbent volume weight of 70...100 g/dal of the untreated wine.