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NEW CARBONIC ADSORBENTS FOR INDUSTRIAL SORTING PURIFICATION IN VODKA PRODUCTION

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Abstract

Modern requirements for activated carbons utilized in the refinement of water/alcohol mixtures are discussed. It is demonstrated that activated carbons obtained from coconut shells and apricot and peach stones are very similar in terms of durability, physical-chemical and adsorptive properties, providing high quality sorting. Utilization of novel stone-derived carbons allows 2,5 fold enhancement of filtration rate, as well as 3 fold enhancement of working resource of carbon columns.

Key words: activated carbons, nutshells, sorting, stones derived raw material, vodka quality

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