

Isolation of plasma blood drugs using solid phase extraction

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Abstract

The paper is devoted to studying the possibility of using the method of solid phase extraction on the basis of Oasis cartridges to isolate certain medicinal substances of different chemical structures to carry out the chemical and toxicological analysis. The cartridge Oasis HLB can be recommended for non-purposeful research on toxic substances from the group of drugs. For targeted research on the biological fluid for derivatives of barbituric acid, you should not use cartridges of the brand Oasis MAX, cartridges Oasis WAX and WCX should not be used for isolation of the studied medicinal substances from blood plasma, since they do not stay on the sorbent of the cartridge.