

ABSTRACT

Name of the work:

The quality of the dietary supplements with content skullcap

Author:

Lenka Dvořáková

The work was targeted on the determination of main flavonoids from skullcap and most often incident flavonoids in the other herbs, which have been by part of polykomponents dietary supplements analyzed in this work. Three extracts from each preparation were prepared under different conditions. The highest amount of flavonoids was achieved in most of cases by extraction in ultrasonic bath and for using lower temperature. These extracts were prepared from *capsulae durae*. By contraries by extract prepared from *capsulae moles*, were measured levels (values) higher by extract prepared by using of water bath. Between companies were large differences in measured values and so informations featured on covers were too differently large.