

ABSTRACT

Name of the work:

The flavonoid content in commercially available pharmaceuticals containing skullcap

Author:

Lenka Dvořáková

The diploma work was targeted on the determination of flavonoid content in commercially available preparations with content of *Scutellaria baicalensis*. Two extracts from each preparation were prepared under different conditions. The highest amount of flavonoids was achieved by extraction in ultrasonic bath. Between companies were large differences in measured values as well as among fulfilment of legislative criteria. Dry extracts from China were also tested, because they are used as source material for companies in the Czech Republic.

Tested food supplement showed low content of flavonoids and it seems to be poor quality.