Short Communication

Potentiometric Determination of Copper in Herbal Material and Hydrolats of *Veronica* **Species** (Family *Plantaginaceae*)

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The aim of our work was an implementation of potentiometric determination of copper in samples of the genus *Veronica* (family *Plantaginaceae*). Genus *Veronica* herbs are widely used in e.g. cosmetic, traditional medicine and food industry. The copper content was potentiometrically analysed in 25 herbal samples of genus *Veronica* and 12 of their hydrolats. The analysed samples were herbal samples of *Veronicas* harvested mainly in three Croatian regions – Dalmatia, Lika and Slavonia as well as randomly selected samples of theirs hydrolats. *Veronicas*' samples were digested in a microwave oven by using nitric acid and hydrogen peroxide mixture. The potentiometric determination was performed by using commercially available CuISE for Cu^{2+} , by using potentiometric methods previously developed in our laboratory.

Keywords: copper, genus Veronica, potentiometric determination, ion-selective electrode

FULL TEXT

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