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Research on trace elements in plants of the Apiaceae Family by FAAS

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Abstract
Vegetables constitute an important part of the human diet since they contain carbohydrates, proteins, vitamins, minerals and trace elements. Vegetables grown at contaminated sites could take up and accumulate metals at concentrations that are toxic. The objective of the current work was to investigate levels of contamination of *Anethum graveolens (dill)* and *Petroselinum hortense (parsley)* with heavy metals. Analyses were performed using the flame atomic absorption spectrometry (Shimadzu AA 6200).Metals were detected at ppm levels. Also it has been determinate the conductivity values for dill and parsley macerates using K_{610} conductometer Belgia consort.

Keywords: heavy metals, FAAS, conductivity**,** dill, parsley

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