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Determination of some heavy metals from honey

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Abstract
The aim was to study the content of cadmium, chromium, copper and lead in honey from different sources (sun flower, conifers, multifloral, mountain flowers, pine tree forest, acacia and linden tree) in sixteen regions of Romania and in two commercial samples. The investigated samples were collected from beekeepers and local market during 2002-2004. The studied minerals were determined by flame atomic absorbtion spectrometry. Their concentrations are comparable with those reported in other types of honey samples. The presence of Cr and Pb were not detected in all analyzed honey samples, Cd was detected in six samples and Cu was detected in all samples.

Keywords: Cd, Cr, Cu, Pb, FAAS, honey

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