

## STANOVENIE OBJEMOVEJ AKTIVITY $^{226}\text{Ra}$ VO VODE Z EMANOMETRIE ROVNOVÁŽNEHO VZDUCHU

Atmane ALLOUACHE, Adriana BEREŽNÁ & Petr ŠKRABÁLEK

Katedra environmentálneho inžinierstva, Fakulta ekológie a environmentalistiky v Banskej Štiavnici, Technická univerzita vo Zvolene, Kolpašská 9/B, 969 01 Banská Štiavnica, e-mail: allouache@fee.tuzvo.sk

### ABSTRACT

Allouache A., Berežná A. & Škrabálek P.: **A method for assessment of the volumetric activity of  $^{226}\text{Ra}$  in water**

This article presents a low – cost method of measuring the volumetric activity of Radium 226 in water. The method is based on the measurement of volumetric activity of Radon 222 in air that is in thermodynamic balance with a sample of water.

**Key words:**  $^{226}\text{Ra}$ , volume activity, water