

## REMOVAL OF PHARMACEUTICALS BY ELECTROOXIDATION PROCESSES

Melníková E.<sup>1</sup>, Pavúková D.<sup>1</sup>, Gál M.<sup>1</sup>

<sup>1</sup>*Faculty of Chemical and Food Technology, Slovak University of Technology in Bratislava, Bratislava, Slovakia*

Pharmaceutical degradation in conventional Wastewater Treatment Plants (WWTPs) presents a problem due to their impact at low concentration on aquatic and nonaquatic organisms or plants. The low efficiency of removal of pharmaceuticals by conventional wastewater treatment plants calls for more efficient technology. In this study, the degradation of selected pharmaceuticals in aqueous solution was carried out by an electrooxidation method. The influence of various operating parameters, such as the applied current density, initial concentration of pharmaceuticals and concentration of the electrolyte on the degradation efficiency of pharmaceutical were investigated and the samples were analyzed by high performance liquid chromatography (HPLC).

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