ABSTRACT

Charles University in Prague
Faculty of Pharmacy in Hradec Králové
Department of Pharmaceutical Botany and Ecology

Author: Mgr. Radka Kvapilová
Supervisor: RNDr. Jitka Vytlačilová, Ph.D.
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EVALUATION OF BIOLOGICAL ACTIVITY USING ARTEMIA SALINA

Traditional Chinese medicine originated in ancient China and has evolved over thousands of years. TCM therapist use herbal medicines and body practices. Nowadays, Chinese medicine continues to develop and is used by millions of people around the world. The aim of this study was to evaluate the toxicity of these products - Epimedii herba, Salviae miltiorrhizae radix, Zanthoxyl fructus pericarpium, Nelumbinis folium a Gardeniae fructus. The experiment was conducted on organism Artemia salina. These experiments were evaluated after the 24 hours and the LC50 values were calculated. Toxicity declined in order: Zanthoxyl fructus pericarpium > Gardeniae fructus > Nelumbinis folium > Epimedii herba > Salviae miltiorrhizae radix.

Key words: Zanthoxyl fructus pericarpium, Gardeniae fructus, Nelumbinis folium, Epimedii herba, Salviae miltiorrhizae radix, Artemia salina.