

## **ABSTRACT**

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Title of rigorous thesis:

### **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*, *Zanthoxyli 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 LC<sub>50</sub> values were calculated. Toxicity declined in order: *Zanthoxyli fructus pericarpium* > *Gardeniae fructus* > *Nelumbinis folium* > *Epimedii herba* > *Salviae miltiorrhizae radix*.

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