

# **THE EVALUATION OF HOT AND MICROWAVE EXTRACTIONS OF *Ziziphus vulgaris* (L.) LEAVES AND STUDY THEIR EFFECTS ON WOUNDS HEALING**

## **Abstract**

The present study was concerned with comparison of hot extract with microwave extract and the pharmacological potency of *Zizyphusvulgaris* (L.) leaves extract towards wound healing effect in mice. The study include the use of three groups of wounds in order to indicate the effect of extracts in wound healing. Two extracts were used the first were boiling extracts and the second microwave extracts and control group. Many tests used to indicate the components of these extract (tannic acid test, saponine test, drgendroff test) and TLC analysis. The results of this research were improving the wounds healing activity of *Ziziphus vulgaris*. The hot extract was more active than microwave extract as wounds healer. The therapeutic role of *Ziziphus vulgaris* leaves extract in wound healing, mostly due to synergism of presence of alkaloids, carbohydrates and flavonoids.