

# **ISOLATION OF FLAVONOID COMPOUND FROM IRAQI AWSAJ PLANT (LYCIUM BARBARUM L.) FRUITS AND THE STUDY OF ITS ANTIBACTERIAL ACTIVITY**

## **Abstract**

This study was performed to evaluate the in vitro antimicrobial activity and the flavonoid content of Iraqi awsaj plant (*Lycium barbarum* L.) fruits. The fruits extracts contain important amounts of flavonoids. The results obtained in the antimicrobial tests revealed that flavonoid compound was more active than alcoholic extract both for Gram-positive and Gram-negative bacterial strains. The results suggest that these species are valuable sources of flavonoids with relevant antimicrobial activities.