

## **Phytochemical Study of Flavonoid" Rutin" Present in the leaves of Cordia myxa L. Cultivated in Iraq**

### Description

This study detects the presence of an important flavonoid "Rutin" in the leaves of *Cordia myxa* L. grown in Iraq. The pharmaceutical importance of Rutin arise from its consideration as anti-oxidative activity, and the absence of any study concerning Rutin content of this medicinal plant in Iraq, gave this study its importance. This study concerned with the extraction, identification, isolation and purification of Rutin from the leaves of *Cordia myxa* L. The extraction of this compound was carried out using one method. Identification of this compound was done by Thin Layer Chromatography (TLC) in which three different solvent system has been tried. This identification was further augmented by using High Performance Liquid Chromatography (HPLC) and then this compound was isolated and purified. Identification of the isolated Rutin was carried out using melting point (M.P.), Thin Layer Chromatography (TLC),