IDENTIFICATION OF SECONDARY METABOLITES IN *Cordia verbenacea* L. - BORAGINACEAE[1]

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This paper describe method for extraction, separation and identification of secondary metabolites in extract from leaves and cell suspension. The separation and purification of extracts were carried out by thin layer chromatography and column liquid chromatography using silica gel with solventes of different polarity. After the fraction of sample of extracto from leaves and cells separated by acetic acid, were obtained: I.V.: ϒ KBr (cm-1) : 3500; 3000; 2400; 1550-1500; 1450; 1000; 650. U.V: 0,27 μg in methanol: λ = 200 nm for leaf and U.V: 0,36 μg in methanol: λ= 200 nm for cell. RMN -1H: 11,5 (s)1H; 6-8 (m) 9H; 3,5 (d) 2H (C17H12O7) and 6-8 (m) 9H; 3,5 (d) 2H; 1,98 (t) 3H (C15H12O5). The separated substance showed 328-330 oC fusion point. Total solubility in water and partialy in methanol. The identified composto were the flavonoids 7,4'-dihydroxy-5'-carboxymethoxy isoflavone and 7,4'- dihydroxy-5'-methil isoflavone

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