

عنوان مقاله:

Spectroscopic analysis Oliveria decumbent Vent by Fourier transform infrared spectroscopy

محل انتشار:

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خلاصه مقاله:

Medicinal plants are useful in perfumery, pharmaceutical, and food industries. Recognition of compounds and functional groups of these plants helps to more understand their structure, medicinal and therapeutic applications. Essential oils and extracts are used to recognition structure. One of these spectroscopic methods for identifying functional groups in medicinal plants is Fourier-transform infrared spectroscopy (FTIR) spectroscopy. This study aimed to identify the functional groups of medicinal plants of Oliveria decumbent native to Ilam by the FTIR method. Based on the results obtained, it was determined that this plant includes ۱۵ spectra including groups O-H, C-H, C = O, C = C, N-O, C-O, C-N, and C-I. So, the present study concluded that the Oliveria decumbens possessed strong functional groups.

کلمات کلیدی:

Medicinal plant, Oliveria decumbens, FTIR

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