

Acid-base properties of the emulsion of the green fir tree extract-differentiated determination of acidity constants

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Abstract

Acid-base properties of the emulsion of the green wood fir extract (EEP) using pK spectroscopy have been investigated. The ionization constant and concentration of the acid groups of EEP and the organic extract of green fir wood have been calculated. The possibility of differential determination of acidity constants of the phenolic hydroxyl and carboxyl groups, using a spectrophotometric titration has been shown.