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Study of acid-base properties of lignin using the method of pK-spectroscopy

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Abstract

The acid-base properties of lignin of *Rhodiola rosea* L. and *Serratula coronata* L. using the method of pK-spectroscopy were investigated. The constants of dissociation of acid groups of these lignins were computed. The possibility of differential determination of acidity constants of the phenolic hydroxyl groups of various structural fragments of lignin using a spectrophotometric titration has been shown.