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The Electrolytic Dissociation of 1,3-Cyclopentanedicarboxylic Acids

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Abstract

The dissociation parameters for the dilute (0.0001-0.01M) solutions of cis and trans-1,3-cyclopentanedicarboxylic acids were calculated with the aid of the original accurate and empirical equations suggested by authors for cases of electrolytic dissociation of weak multibasic organic acids with the effect of "overlapping" equilibria. The equations for determination the regions of predominance of various charged and uncharged forms of these acids were also suggested.

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