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The Electrolytic Dissociation of 1,3-Cyclobutanedicarboxylic Acids

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Abstract

The dissociation parameters for the dilute (0.0001-0.01M) solutions of cis and trans-1,3-cyclobutanedicarboxylic acids were determined with the aid of the original method for analysis the regularities of electrolytic dissociation of weak multibasic organic acids with the close values of the dissociation constants of separate steps (the effect of "overlapping" equilibria). The equations for determination the regions of predominance of various charged and uncharged forms of these acids were also described.

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