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Complexation of a Catecholamine with Zinc (II) in Media with Different Dielectric Constants

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Abstract:

The complexation of zinc (II) with dopamine has been investigated by spectrophotometric measurements in mixed solvent system at an ionic strength of $0.2 \text{ mol} \cdot \text{dm}^{-3}$ sodium chloride, employed ($25 \pm 0.1^\circ \text{C}$) at *pH* ranges of ~ 6 to ~ 7 with a high ratio of ligand to metal.

Keywords: Zinc (II), Catecholamine, Complexation, Mixed solvent.

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