

The Study of Chromium Metal complexes of Alfuzosin Drug with Some Important Amino Acids

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Abstract: The study of pH metric determination of the stability constant of the ternary metal complexes of chromium(III) ion with the BPH drug Alfuzosin, which is used to treat the signs and symptoms of benign enlargement of the prostate and with some biologically important ligands such as amino acids has been performed in 80 percent (v/v) ethanol-water medium at 30°C and a fixed ionic strength of 0.1M NaClO₄.

Keywords: Chromium Metal ion, Alfuzosin, $\Delta \log K$, BHP, ternary complexes, Relative Parameters $\beta_{111}\beta_{20}\beta_{02}K_DK_RK_f$ and $\Delta \log K$.

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