

Calculation of hydrolytic equilibria in the system $\text{CuSO}_4 - \text{H}_2\text{O} - (\text{NH}_4)_2\text{SO}_4$

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Abstract

Experimental curves of pH hydrolysis dependence on concentration of CuSO_4 and $(\text{NH}_4)_2\text{SO}_4$ have been obtained. It has been established that polynuclear and heteroligand compounds are present in the system. Equilibrium constants were calculated and evaluated. Mathematical model of equilibria has been built.