



INFLUENCE OF PRESENCE OF VITAMINS B2, B3, B9, AND C ON CALCIUM OXALATE MONOHYDRATE CRYSTALLIZATION PROCESSES IN SIMULATED BODY FLUID



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Water-soluble vitamins play key role in almost all processes in human organism. The main purpose of this work was to examine the influence of vitamins B2, B3, B9, and C on the crystallization process of $CaC_2O_4 \times H_2O$ (COM), from which renal calculi are formed in kidneys. All these vitamins were proved to be inhibitors of the crystallization of COM, which can be seen from the crystallization curves. Vitamins have no impact on the structure of COM, which is shown on XRD.

