

## Annotation

Course work on the theme "The ultrafiltration device for concentrating of  $\alpha$ -1-globulin from 1.2% to 12%" in discipline "Equipment of membrane and refrigeration technology" . It contains an explanatory note: \_\_ pages, \_\_ figures, list of references includes \_\_ literature sources, assembly drawing of A1 format.

The coursework calculated ultrafiltration device with a flat frame filter elements. The description of the process for the concentration of  $\alpha$ -1-globulin, purpose and scope of the use of this machine. Determine its basic parameters and characteristics, such as: the degree of concentration, selectivity, costs permeate. It calculates the required working surface of the membranes and the partitioning system.

The calculations are made with the use of modern information technology systems and confirm the performance and reliability of the design.

**KEYWORDS: CONCENTRATION, GLOBULIN, MEMBRANE ULTRAFILTRATION SELECTIVITY.**