

Annotation

Term paper on the topic "ultrafiltration plant for the concentration of the aqueous solution of albumin of 0.025% to 0.25% " on the subject "and refrigeration equipment membrane technology" includes 37 pages of explanatory notes 4 figures, bibliography consists of 5 sources, assembly drawing apparatus for ultrafiltration A1.

The aim of the work is to calculate the ultrafiltration membrane apparatus to concentrate the aqueous solution of albumin.

In the following calculations were performed: an approximate calculation of the working surface of the membrane partitioning device, the calculation of the observed selectivity of the membrane, the calculation of hydraulic resistance, an updated calculation of the surface of the membrane.

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

KEYWORDS: MEMBRANE, CONCENTRATION, ALBUMIN, INSTALLATION ULTRAFILTRATION.