

The invention relates to the dairy industry, namely to a method for producing an alpha-lactalbumin ( $\alpha$ -La) enriched whey protein-mineral concentrate (PMC).

The method, according to the invention, comprises cooling the whey, separating from casein dust, electroactivating the whey in the cathode cell of an electrolyzer with a cationic ion-selective membrane, supplying into the anode cell a solution of calcium ions, separating the foamy phase of whey from the liquid phase, collecting the protein-mineral concentrate, by centrifugation, from the foamy phase at pH values of 12.00...12.20 and from the liquid phase at pH values of 11.00...11.50, after which the protein-mineral concentrate is dried at temperatures excluding thermal denaturation of proteins, and the deproteinized whey is directed to further processing for the separation of lactulose.

Claims: 2

Fig.: 1