

Conclusions. The proposed method allows to use the areas of the lens containing the largest number of biochemical and physiologically active proteins and polypeptides, to increase the percentage of regulatory peptides, to allocate highly purified polypeptides with low molecular weight. Eye drops obtained by this method have anti-cataract and anti-inflammatory effects and could be extensively used in eye practice.

ANALYSIS OF THE ASSORTMENT OF BIOTECHNOLOGICAL PRODUCT – BEER

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Introduction. Beer is one of the most ancient products in the history of mankind, which is now a special place in the consumption of beverages, which is very popular and widespread. The brewing industry produces a huge amount of beer for every taste and purse. Beer is a low-alcohol beverage that is obtained by alcohol fermentation of malt with beer yeast, usually with the addition of hop. The content of ethyl alcohol in most varieties – from 3-6 % of revolutions, dry matter 7-10 %, carbon dioxide 0.48-1 %. Beer is the only alcoholic beverage containing hop's bitterness. Active substances that go from hops to beer have a soothing, analgesic effect, inhibit the growth and reproduction of bacteria. So, beer is obviously the biotechnological product.

Aim. The purpose of the study is to analyze the assortment of biotechnological products – beer.

Materials and methods. To analyze the beer's assortment, the types and variety of trade marks of light beer at the Ukrainian market had been studied, such as: «Carlsberg», «Baltika», «Tuborg», «Lvivske», «Velkopopovický Kozel», «Zhigulivske», «Chernihivske», «Obolon». We used the descriptive research method: Internet sources that are freely available were analyzed. Organoleptic evaluation was also carried out.

Results. After sources analyzing, it was found that leaders of demand among brands are: «Carlsberg» (19.4 %), «Baltika» (13.2 %) and «Lvivske» (8.3 %). The following trademarks are: «Tuborg» (6.7 %) and «Velkopopovický Kozel» (4.9 %). And at the end of leaders list are: «Zhigulivske» (3.1 %), «Chernihivske» (2.6 %) and «Obolon» (2.6 %), other trade marks (39.2 %). In the structure of domestic production 49 % of products are produced in PET packaging, 35 % in glass bottles, 12 % in kegs and 4 % in metal cans. According to the organoleptic, beer complies with the standards (Exterior – Transparent, flameless liquid, without sieve and extraneous inclusions, Taste – Malt and hop flavor, Smell – Aroma that corresponds to a beer, without foreign smells and flavors, Foaming – The height of the foam is not less than 20.0 mm; foam resistance – not less than 2.0 minutes).

Conclusion. Based on the results of research, could be concluded that Ukraine has a high level of beer production. Depending on the consumption of beer by Ukrainians, the productivity and number of brands are increasing.

DEVELOPMENT OF THE COMPOSITION AND TECHNOLOGY OF CHILDREN'S CHEESE PRODUCT ENRICHED WITH PROBIOTICS

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Introduction. The development of the full of value biological functional food products that have a balanced composition by combining the raw material of animal and plant origin is an effective measure of therapeutic and prophylactic usage in solving the problem of providing high-grade food products of various age groups of the population, especially children. Nowadays solving this problem is very relevant. Selection of