



ODESSA NATIONAL ACADEMY OF FOOD TECHNOLOGIES

DEVELOPMENT OF THE TECHNOLOGY OF THE BABY-FOOD FERMENTED MILK PRODUCTION

Purpose and scope

The development of the technology of the baby-food fermented milk products with a long shelf-life and anti-allergic effects using starter cultures lactobacteria of direct application, mixed cultures adapted to the milk of bifidobacteria and physiologically functional food ingredients.

Main characteristics and the development essence

The rational relationship between fat-free cow's milk and fat-free goat's milk fat in the milk base for the production of the baby-food fermented milk is justified. The fatty acid composition of the enriched milk base for the production of fermented milk beverage of baby food. The rational mass fractions of vitamins and minerals in the fortified milk base to produce a product. The content of starter compositions for the production of fermented milk.

Comparison with the world's analogues, the main development advantages

The technological parameters of the production of the baby-food fermented milk with a long shelf-life and anti-allergic effects are scientifically proven. The biomedical research of the product was fulfilled. In Ukraine there are no analogues.

The intellectual property protection status

No patents.

Demand in the market

Only 36% of women feed their children exclusively breast milk up to six months. Therefore, the problem of providing children with quality and biological value of food can only be solved through their industrial production. The economic impact of the developed technology advancement was ascertained 1350,0...1625,0 UAH / t.

The readiness for development status

Formulations, technology and regulatory documentation for the production of the baby-food fermented milk with a long shelf-life and anti-allergic effect were worked out; an industrial approbation of the developed technology was made. The technology is ready for industrial application.



The baby-food fermented milk

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