

The innovative proposition

to attract investors and buyers

1. Name of innovation

**DEVELOPMENT OF THE TECHNOLOGY OF THE BABY-FOOD
PROTEIN PASTES PRODUCTION**

2. Intellectual Property

Select the appropriate position, put the mark «+». Write relevant information.

- Patented Innovation countries: Ukraine
- Filed for a patent countries: _____
- License agreement or Exclusive rights. Exclusive rights
- Other (specify) _____

3. Type of innovation

Select the icon by replacing from "-" to "+"

+	Product
+	Technology

+	Result of R&D
-	Other (discussed separately)

4. Areas of innovation

Select one or more applications innovation by replacing from "-" to "+" .

-	Automobiles, transport and logistics
+	Agriculture and food technology
-	Aerial and space technology
-	Biochemical technology
-	Building
-	Military Industrial and Safety
-	Energy and Energy Saving
-	IT-technology, ICT industry and services
-	Light industry
-	Marine industry and services
-	Environment
-	Nano- and Micro Technology
-	New materials
+	Medicine and Health
-	Creative industry
-	Tourism and cultural heritage
-	Other. (Please specify below the scope)

5. Novelty

What does innovation superior (in digits or qualitatively) already existing? (The answer should be clear and concise - three main arguments in support of the use of promising innovations in domestic and/or foreign markets)

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 development of the technology of paste-like protein products for the nutrition of children of 8 months and upwards – protein pastes which are partially adapted to the milk of women and have probiotic and hypoallergenic properties and a long shelf life using lactobacteria and bifidobacteria bacterial concentrates of direct application and the complexes of physiologically functional food ingredients.

The advisability of the thermal-acid coagulation of skimmed milk proteins and thermostatic production method for the protein pastes technology were justified.

The rational mass fractions of vegetable oils (pumpkin seed oil and high oleic sunflower oil), fructose, lactulose, vitamins and minerals in the baby-food protein pastes were experimentally proved and scientifically grounded.

The starter composition components with *B. animalis* Bb-12 monocultures, *L. acidophilus* La-5 monocultures and *L. lactis* ssp. mixed cultures were grounded for the production of the baby-food protein pastes with high probiotic, hypoallergenic and antagonistic properties, moderate acidity and extended storage period; the ratio of cultures in the starter composition is recommended being 1,0 : 0,1 : 1,0 respectively.

The technological parameters of the baby-food protein pastes production were experimentally defined and optimized.

Production formulas, normative documents and the innovative baby-food protein pastes technology were developed. Industrial tests of the technique have been conducted at the LLC «Gormolzavod №1» (Odessa).

The economic impact of the developed technology advancement was ascertained 2175,5 – 2213,9 UAH / t..

The biomedical research of the product was fulfilled.

6. Stage of Innovation

What is innovation's stage of development? Select the icon by replacing from "-" to "+"

-	The concept, proof of concept
-	The prototype, which tested and available for demonstration
+	The technologies for small-scale production
+	The technology is ready for industrial application
-	Commercialized

7. The presentation innovations

Select one or more forms by replacing badge from «-» to «+»

-	The demonstration model
+	Multimedia presentation
-	Report

8. Information about the participants, which apply innovation

	<i>If innovation is filed away</i>
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